

QK 57

.K52

Copy 1





A SCHEME

FOR

Thorough, Rapid, Systematic

PLANT ANALYSIS.

BY F. H. KING,

Teacher of Natural Sciences, High School,

BERLIN, WISCONSIN.



COURANT OFFICE,

PRINTED BY FRANK F. LIVERMORE,
BERLIN, WIS., 1876.

97

QK57
K52

Entered according to Act of Congress, in the year 1874 by

F. H. K I N G,

In the Office of the Librarian of Congress, at Washington, D. C.

PREFACE.



In preparing this scheme I have been guided by the conviction that the chief value of Botany, as an educational means, is to teach correct habits of investigation, and at the same time to develop systematically those faculties of the mind that are exercised in the prosecution of such work.

The familiarizing with botanical terms and the learning of the name of the plant simply, are in my view entirely subordinate to this higher end. System, then, is indispensable, as is also completeness as far as practicable. I have endeavored to so arrange this scheme as to make the attainment of these results almost certain, even in the hands of inexperienced teachers.

I believe the arrangement of the terms used in describing the plant necessitates systematic observation and a high degree of thoroughness, while at the same time it saves the tedious labor of writing out the description of the plant, and the mental energy which must otherwise be exhausted in an unprofitable effort to recall the technical descriptive terms. The Glossary will enable the pupil to refresh his memory, and will be otherwise useful.

The fundamental basis, upon which rests the system of this scheme, is in the main that suggested in an "Outline of a Course of Oral Instruction" by Prof. T. C. Chamberlin.

I desire to express to Prof. Chamberlin my sincere thanks for valuable suggestions and other assistance which he has kindly given me in preparing this scheme.

EXPLANATIONS.



All terms are defined in the glossary under corresponding heads and in the order they occur in the Check Table. Other related terms are also given and defined in their appropriate place. If a particular feature of the plant is not described by any word under that head, write the proper word in the blank space left at the end of the list. The proper word may in most cases be found by referring to that head in the Glossary. An observation of the specimen page will suggest the method of indicating the analysis. When any point in the check table is not understood refer to that head in the Glossary.

When it is impossible or too difficult to determine a particular feature of a plant, pass it by. Never guess. Where a character is doubtfully ascertained always prefix the $\frac{1}{2}$ (?).

Very young pupils should not be required to make the more difficult determinations; and the teacher must use his or her judgment as to what points ought to be omitted.

GLOSSARY

OF

BOTANICAL TERMS, WITH SUGGESTIONS.

GENERAL FEATURES.

HABIT:

Terrestrial: growing in the soil out of the water.

Aquatic: growing in the water.

Parasitic: growing upon other plants and feeding on their sap.

Aerial: living on material taken wholly from the air.

DURATION:

Annual: a plant that fruits at the end of the first season.

Biennial: a plant that fruits at the end of the second season.

Perennial: a plant living year after year.

ODOR:

Fragrant: yielding a pleasant perfume.

Aromatic: having a fragrant smell. Ex. Mints.

Pungent: stinging like ammonia.

Fetid: offensive, stinking. Ex. Sassa's Cabbage.

JUICE:

COLOR:

Colorless: as in the majority of plants.

White: as in the Milk Weeds.

Red: as in the Blood Root.

Yellow: as in the Yellow Poppy.

TASTE:

Acrid: as in the Buttercups.

Acid: as in the Sorrel, and Pieplant.

Sweet: as in the Sugar Maple.

Bitter: as in the Polygala.

Pungent: as in the Mustard Family.

Astringent: as in the bark of the Rose Family.

Inspid: as in the Purslane Family.

SUGGESTION.

Great caution should always be observed in determining this character, as many of the plants contain a poisonous principle.

GENERAL CHARACTER:

Limpid: clear and transparent.

Viscid: sticking or adhering.

Mucilaginous: slimy resembling mackage.

Resinous: as in the Rosin plant.

Milky: resembling milk.

Watery: resembling water.

ROOT.

FORM:

Conical: tapering like a cone. Ex. Carrot.

Fusiform: large in the middle and tapering each way.

Yapiform: turnip shaped.

Ramose: a woody tap-root finally dissolved.

Fibrous: soon losing itself in branches.

Fasciculate: a fleshy tuberous cluster.

Nodulose: fiber enlarged at certain points only.

Moniliform: enlarged at regular intervals.

Tuberated: bearing tubercles here and there.

Aerial: coming from stems above ground.

GEN. CHARACTER, as texture, color, taste, etc.

STEM.

MODE OF GROWTH.

Evogenous: increasing by annual additions to the outside.

Endogenous: inside growers.

DIRECTION OF GROWTH.

Erect: rising directly upwards.

Assurgent: rising obliquely upwards.

Diffuse: when loosely spreading in all directions.

Decumbent: reclining on the ground.

Prostrate: lying flat on the ground from the first.

Climbing: rising by tendrils, leaf stalks or rootlets.

Twining: rising by coiling around objects.

NATURE:

Herbaceous: when it dies down to the ground every year.

Suffruticose: when the bottom of the stem above the soil is a little woody, and inclined to live from year to year.

Suffruticose: decidedly woody below and herbaceous above.

Fruticose: woody, living from year to year, but small.

Arborescent: tree-like in appearance.

Arborescent: when forming a proper tree.

MODE OF BRANCHING:

Simple: not branching.

Furcate: forked.

Excurrent; trunk continued to the top of the tree.
Racemose; small stems branching like a raceme.
Paniculate; small stems branching like an irregular compound raceme.

Corymbose; branching like a corymb.
Deliquescent; like the Oak and Apple.

Diffuse; spreading widely and irregularly.

SPECIAL FORMS:

Suckers; shoots from subterranean branches.

Stolons; trailing or reclining and rooting shoots.
Offsets; short branches next to the ground which take root.

Ranunculi; prostrate filiform stems rooting at the end.
Tendrils; when thread-shaped and used for climbing.

Thorns; sharpened woody processes from leaf-axils.
Spines; properly applied to modified leaves only.

Culm, the stem of Grasses and Sedges.

Caulis; the main stem.

Caudex; a trunk such as that of the Palm.

GEN. CHARACTER.

Tenete; nearly cylindrical.

Striate; with slight longitudinal lines.

Grooved; marked with shallow channels lengthwise.

Furrowed; marked with deep channels

3-4-Angled; like the stems of the Catnip and Sedges.
Solid; with no cavity in the center.

Hollow; like the straw of Wheat.

Flexuose; Zigzag, bending gently in opposite directions.

Geniculate; bent abruptly, like a knee.

Tumid; stems with swollen joints.

Subcane; grooved longitudinally with deep furrows.

Bisulcate; with two deep furrows.

UNDERGROUND:

Rhizoma; a prostrate, fleshy, perennial rooting stem, more or less perfectly subterranean.

Corne; a solid, rounded or oval subterranean stem.

Bulb; a shortened stem, clothed with fleshy scales.

Tuber; a thickened portion of an underground stem.
Potato.

Premorse Rhizoma; a short, erect rhizoma.

Tunicated; said of bulbs when the scales form broad and concentric layers. Ex. Onion.

Scaaly; said of bulbs when the scales are thick and separate.

Creeper; a prostrate, subaerial or subterranean, scaly stem. Ex. Witch grass.

SURFACE:

Designate this character by prefixing to the letter: a, b, or c, the number found opposite the similar character of the leaf. Thus 3-b for stem pubescent.

HEIGHT.

Indicate the height of the plant thus: 1 0-3 0 for one to three feet high or 6"-14" for six to fourteen inches high.

LEAVES.

KINDS:

Sessile, without leaf stalk.

Petiolate; having a leaf stalk.

Stipulate; bearing stipules.

Exstipulate; destitute of stipules.

Equitant; riding staddle, as the leaves of the Ir.s.

Petiolate; when the stem appears to pass through the leaf.

Stipellate; said of leaflets when they are appendaged at the base.

ARRANGEMENT:

ON THE STEM.

Cauline; when growing on the stem.

Radical; when growing at the base of the stem.

Rameal; when they grow from the branches.

ALONG THE AXIS.

Alternate; one above another on opposite sides.

Scattered; irregularly spiral. Ex. Potato.

Rosulate; clustered regularly like the petals of a rose.

Fusculate; clustered, many together in the axil.

Ex. Pine.

Opposite; two over against each other at the same node.

Verticillate; more than two in a circle at the same node.

Decussate; the successive pairs crossing each other at right angles.

SUGGESTION.

Such words as *Few*, *Sparingly*, *Closely*, may be prefixed to cauline, alternate, etc., to denote the abundance or scarcity of leaves.

DURATION:

Persistent; when they remain on during the winter or other interval during which leaves are shed.

Deciduous; when shed at the end of summer.

Fugacious; when they fall off soon after their appearance.

TEXTURE:

Succulent; thickened, and juicy or fleshy.

Coriaceous; leathery.

Rugose; wrinkled.

Scarious; thin, dry, and membranous.

VERNATION:

Straight; open, not bent, folded or rolled.

Reclinate; bent forwards upon the leaf-stalk.

Conduplicate; with the two halves folded face to face.

Plicate; when folded backward and forward like the plaits of a fan.

Circinate; when rolled from the tip downwards.

Convolute; when rolled clear across parallel with the axis.

Revolute; when both edges are rolled outward toward the midrib.

Inwards ; when both edges are rolled inward toward the midrib.
Obovate ; half equitant, when the outer leaf embraces only one of the margins of the inner. Ex. Saug.
Equant ; when conduplicate leaves alternately embrace.

VENATION :

PARALLEL.

Straight ; as in the linear leaf of the Grasses.
Curved ; as in the oval leaf of the Orchis.
Transverse ; when the veins run parallel from the midrib to the margin, as in the Calla.

NETTED.

Pinnate ; when the midrib sends off lateral veins in its course from the base to the apex.
3-*Nerved* ; when the midrib gives off a very strong primary vein on each side just above its base.
5-*Nerved* ; when two such veins are given off from each side.
7-*Nerved* ; when three such veins are given off from each side.
Radiate ; when the apex of the petiole appears to divide into three or more nearly equal ribs or veins.

FORM :

COMPOUND LEAVES.

Pinnate ; when the leaflets are situated along the side of a common petiole.
Abruptly-pinnate ; when there is an even number of leaflets.
Impari-pinnate ; when there is an odd number of leaflets.
Lyrately-pinnate ; when a lyrate leaf is completely divided.

Interruptionally pinnate ; when some minute leaflets are irregularly intermixed with larger ones.
Pinnate ; leaflets all attached at the end of the petiole.

Unit-Bi-Tri or 1-2-3-*Pinnate* or *Palmate* ; denotes the number of times a leaf is compound.

Decomound ; indefinitely several times compound.
1-2-3-4-5-*Foliolate* ; denotes the number of leaflets.

SIMPLE LEAVES & LEAFLETS.

General Outline.

Piliform ; thread-like, leaves of Asparagus.
Actular ; slender, needle-shaped or bristle-shaped.
Aerose ; needle-shaped, like Pine leaves.
Subulate ; awl-shaped, narrow, tapering to a rigid point.

Linear ; several times longer than broad, margins parallel.

Lanceolate ; several times longer than wide, tapering upwards, or upwards and downwards.

Oblanceolate ; like lanceolate widest toward the top.

Spatulate ; like oblanceolate, with rounded apex.
Oblong, twice or thrice as long as wide, sides nearly parallel.

Elliptical ; oblong with an even flowing outline.
Oval ; elliptical with breadth more than half the length.

Rotund ; circular in outline, or nearly so.

Ovate ; like the longitudinal cross section of a hen's egg with the broad end down.

Obovate ; ovate with the broad end up.

Cuneate ; broad above, tapering by straight lines to an acute base.

SUGGESTION.

All these forms shade into one another and the form is then designated by combining the terms, as Lance-linear, is given to a long narrow leaf whose sides are not quite parallel, and Linear-lanceolate, describes a long lanceolate leaf. Prefix the numbers thus 5-Lanceolate instead of the above.

Base.

Acminate ; contracted into a long tapering base.

Acute ; when the sides of the base form an acute angle.

Obtuse ; when the sides of the base form an obtuse angle.

Truncate ; when the base appears cut square across.

Cordate ; heart-shaped.

Articulate ; having a pair of blunt projections at the base.

Sagittate ; when the ears are pointed and turned downwards.

Hastate ; with pinules directed outward.

Peltate ; where the petiole appears attached to the lower surface.

Reniform ; like the longitudinal cross-section of a kidney.

Chaeping ; cordate adhering to the stem.

Connate ; when the bases of two leaves are grown together.

Decurrent ; when the margin of the leaf is continued down the stem, adhering to it. Ex. Mullein.

Leaves as to their Apex.

Acminate ; with the summit prolonged into a long tapering point.

Acute ; when ending in an acute angle.

Obtuse ; terminating in an obtuse angle.

Truncate ; with the end as if cut off square.

Retuse ; with a rounded summit slightly indented.

Emarginate ; with the apex more indented.

Obcordate ; inversely heart-shaped.

Cuspidate ; tipped with a sharpened rigid point.

Mucronate ; tipped with a point, like a projection of the midrib.

Aristate ; when the point is extended into a long bristle.

Leaves as to Margin.

Revolute ; when the margin is turned backward.

Entire ; when the margin is an even flowing line.

Serrate ; margin cut into sharp teeth directed forwards

Serrulate ; minutely serrate.

Dentate; when the teeth point outwards.
Crenate; with broad, rounded teeth.
Repand; when the margin presents a wavy line.
Sinuate; when it bends strongly outwards and inward.

Inclined; when cut into sharp, deep, irregular teeth.
Fringed; when beset with slender appendages.
Ciliate; when fringed with hairs.
Lobed; when the incisions do not extend more than half way from the margin to the mid-rib,
Cleft; when the incisions extend half way or more.
Parted; when the incisions do not quite reach the midrib.

Pectinate; pinnately divided into narrow and close divisions like the teeth of a comb.
Lyrate; an obovate, or spatulate leaf divided, with the end lobe large and roundish, and the lower lobes smaller.

Runcinate; like lyrate with the lobes directed downwards.

Divided; when the incisions extend to the midrib.

SUGGESTIONS.

Various modifications of the above occur which are designated by means of prefixes, as, we may have leaves which are Closely, Remotely, Doubly, Finely, Coarsely, or Appressed.—Serrate.—The number of times a leaf is Lobed, Cleft, Parted or Divided, should be noted by prefixing numerals, thus 5-Lobed, 7-Parted, etc.

SURFACE :

NO HAIRS.

Glabrous; smooth, i. e. destitute of hairiness.
Glabrous; covered with a whitish bloom. Ex. Cabbage leaf.
Punctate; covered with punctures, or small holes.
Verrucose; warty.
Glaucous; slightly glaucous.
Puberulous; dusty or powdery on the surface.
Puberulent; same as last.
Maculate; spotted or blotched.
Glandular; bearing glands.

BEARING SOFT HAIRS.

Puberulent; minutely downy.
Pilose; few and short.
Pubescent; dense and short.
Villosa; dense and long.
Silky, Sericeous; clothed with fine, appressed and glossy hairs.
Woolly, Lanuginous; long, curly or matted.
Velvety, Velutinous; very fine and close, velvety to the touch.
Floccose; clothed with locks or tufts.
Tomentose; clothed with a close and matted down.
Lobocobly; bearing long hairs like gossamer.
Downy; with soft pubescence.
Hairy; grayish-white from a fine pubescence.

BEARING STIFF HAIRS.

Scabrous; rough to the touch.
Hispid; beset with stiff bristly hairs.
Acutate; beset with prickles.
Spinous; armed with spines.
Prickly; armed with prickles.
Cornute; bearded with long stiff hairs.
Echinate; beset with prickles.
Strigose; clothed with sharp, close-appressed hairs or bristles.
Setulose; bearing minute bristles.

STIPULES :

FORM.

The same terms are used here that are used in describing the forms of leaves. Prefix the number to the letters a, b, c, d, instead of writing the word.
Ligulate; the appendage between the blade and the sheath, in Grasses.

Ochrea; (a boot) a membranous sheath enclosing the stem from the node upwards. Ex. Polygonaceæ.

Tendrils; when filiform, and used for climbing.
Intrafoliaceous; within or before a leaf.

ADHESION.

Free; when not growing to the petiole.
Adnate; adhering to the petiole. Ex. Clover.
Glaspig; adhering to and enclosing the stem.

GENERAL CHARACTER.

Membranous; thin and soft, like a membrane.
Foliateous; leaf-like.
Spinous; in the form of spines. Ex. Locust.
Setaceous; like a bristle.

DURATION.

Fugacious; existing in the bud but dropping when the leaf expands.
Deciduous; falling before the leaf.
Persistent; remaining until the leaf falls.

SURFACE.

Use the same terms that are applied to the surface of the leaf.

BRACTS.

FORM :

The same terms are used to describe the form of bracts as are used to describe the leaf.
Prefix to the letters a, b, c, d, the number found opposite the word which describes the corresponding character of the General Outline, of the Base, of the Apex, and of the Margin of the leaf.

SURFACE :

Prefix the number opposite the word used, to describe the similar character of a leaf.

GENERAL CHARACTER :

Foliateous; leaf-like in texture.
Petaloidous; colored, resembling petals.
Membranous; thin and like a membrane.
Spinous; resembling spines.

INFLORESCENCE.

INDETERMINATE, or Axillary.

Solitary; when a single flower comes from the axil of an ordinary leaf.

Raceme; when single, pedicel flowers are arranged along a prolonged axis.

Corymb; a convex or flat-topped flower-cluster.

Umbel; when several peduncles rise from a common point.

Panicle; an irregularly-branched compound raceme.

Thyrse; a compact panicle.

Spike; when sessile flowers are arranged along a

lengthened axis.

Spathæ; a fleshy spike. Ex. Calla.

Catkin; a scaly spike. Ex. Willow, Poplar.

Head; a globular cluster of sessile flowers.

DETERMINATE, or [Terminal.]

Solitary; when a single flower terminates the stem.

Cyme; a flat-topped or convex flower cluster blossoming from the center outwards.

Panicule; a very compact cyme with upright appressed branches.

Glomerule; a cyme condensed into a sort of head.

Verticillaster; a pair of dense cymes forming an apparent whorl. Ex. most Labiates.

SUGGESTIONS.

Such qualifying words as Simple or Compound, Few-fl., or Many-fl., Close or Spreading, Loose or Dense, Large or Small, etc., may be prefixed to many of the principal forms of inflorescence to denote a particular character. Sometimes the forms verge into one another. The blending is noted by combining the terms as Corymbose-Panicle, Racemose-Corymb, etc. Sometimes the two systems are combined, as in some Composite it occurs that the heads are in cymose clusters, and in some Labiates the verticillaster may be spicate, etc.

FLOWER.

KINDS:

Symmetrical; having the same number, or a multiple of the same number, of each kind of floral organs.

Unsymmetrical; when the number in each set is not the same or a multiple of the same.

Complete; when possessing all the organs that any flower has.

Incomplete; when destitute of one kind of organs.

Regular; when all the organs of the same kind have the same form and size.

Irregular; when they are not all of the same shape or size.

Perfect; bearing both stamens and pistils.

Impaired; stamens or pistils wanting.

Staminate; when without the pistil.

Pistillate; when without stamens.

Fertile; maturing seed, and without stamens.

Sterile; same as staminate.

Neutral; having neither stamens nor pistils.

Monocious; when staminate and pistillate flowers are borne on the same plant.

Dioecious; when borne on different individuals.

Polygamous; when staminate, pistillate and perfect flowers are borne on the same plant.

PLAN:

Mono- or 1-merous; a flower with but one organ of each kind.

Di- or 2-merous; with two of each kind.

Tri- or 3-merous; with three of each kind.

Tetra- or 4-merous; with four of each kind.

STALK:

LENGTH.

The length may be given as long or short in inches or lines as 2' or 4', or as compared with the calyx or corolla, as = c. or 2 c.

INVOLUCRE:

FORM.

Rosaceous; leaves or bracts in a single row loose and spreading.

Cup-Shaped; hemispherical, with the vertical diameter greater than the transverse.

Hemispherical; with the outline of half a sphere.

Cylindrical; long, with circular outline; and sides parallel.

Bell-Shaped; like the outline of a bell.

Conical; scales straight, slightly diverging, but close.

Ovoid; when shaped like a hen's egg.

SCALES.

Direction.

Appressed; crowded in upon the flowers.

Erect; rising directly upwards.

Spreading; loose and diverging.

Reflexed; turned back upon the stem.

INVOLUCEL:

The involucl when present is to be described in the same manner as the involucler by using the same terms. Prefix the small letter (i) before the terms which describe it.

RECEPTACLE:

FORM.

Urn-Shaped, bell-like; as in the Rose.

Elongated; lengthened into a beak. Ex. G ranium.

DISK; an appendage of the receptacle.

Hypogynous; free from the pistil or calyx.

Perigynous; when it adheres to the base of the calyx.

Epigynous; when adhering to the ovary and expanding on its summit.

SURFACE.

Marked; destitute of any covering or appendage.

Smooth; without irregularities.

Punctate; dotted with small depressions.

Abovate : having deep angular depressions, separated by thin partitions.
Bristly : covered with or bearing bristles.
Chaffy : bearing dry chaffy scales.
Fringed : bordered with slender processes.

CALYX AND COROLLA :

GAMOSEPALOUS.

GAMOPETALOUS.

SUGGESTION.

Prefix *c* before the words that describe the calyx, and *co* before the words that describe the corolla. Complete the description of the Calyx before giving that of the Corolla.

Form.

Rotate : wheel-shaped, tube very short.
Saucer-Shaped : rotate, with the border turned up.
Cup-Shaped : tube broad and not spreading.
Campanulate : bell-shaped, tube broad and spreading.
Funnel-form : tube long, narrow, and enlarging gradually.
Saucer-form : tube long, slender, and limb spreading at right angles.
Urn-shaped : somewhat globular, contracted at the mouth.
Top-shaped : as in some of the Gentians.
Tubular : somewhat cylindrical throughout.
Ligulate : appearing as if a tubular form was split down one side, and spread out, strap-shaped.
Labiata : with irregular lobes forming lips.
Bilabiate : with two lips.
Galeate : when the upper lip is arched.
Ringent : when the lips are gaping, and throat open.
Personate : when the mouth is closed, or partly so, by a protuberance of the lower lip.
Spurred : when the base is prolonged into a hollow spur.
Saccate : when the base is protuberant, forming a sack.
Inflated : when swollen, dilated or bladder-y.

Border of the Tube.

Entire : margin not broken or cut.
Truncate : appearing as though cut off.
Toothed : with short tooth-like projections.
Lobed : when the incisions extend, half way down or nearly so.
Cleft : when cut half way down or more.
Parted : when cut nearly to the base.
Papilous : the modified form of calyx found in the Composite flowers. It may be in the form of a Cup : as in the Mayweed.
Scales : as in the Sunflower.
Awis : when stiff and sharp as in the Tickseed.
Bristles : when in the form of capillary hairs.

The hairs may be

Naked : when there are no fine hairs on the sides.

Plumose : when fine hairs project outwards from the sides.

Smooth : when the surface is even.

Rough : when bearing irregular projections.

Single : when there is but one row.

Double : when there are two rows.

SUGGESTION.

Express the number of teeth, lobes, etc., by prefixing numerals, thus *c*, 5-lobed for, calyx five-lobed *co*, 5-cleft for corolla five-cleft.

In describing the lobing of labiate corollas prefix such expressions as 1-1-1 for upper lip equally 3-lobed and lower two-lobed, $\frac{1-2-1}{1-1}$ for middle lobe

upper lip twice as large as the side lobes, or $\frac{1-2-1}{3-3}$ when the lobes of the lower lip are largest, etc.

POLYSEPALOUS.

POLYPETALOUS.

Rosaceous : petals without claws, like the Rose.
Liliaceous : when the petals or sepals are erect spreading gradually towards their summit.

Cruciferous : where the four petals diverge equally from one another forming a cross.

Caryophyllaceous : where the petals have long narrow claws enclosed in the tube of the calyx.

Papilionaceous : resembling a butterfly. Ex. Sweet Pea.

Orchidaceous : the form of perianth peculiar to the Orchis.

Anomalous : too irregular for naming.

DURATION.

Persistent : when remaining until the fruit ripens.

Morosecent : withering without falling off.

Deciduous : falling with the stamens.

Caducous : when falling off at the time of opening, as in the Poppy and Grape.

Accrescent : when continuing to grow after flowering.

COLOR.

Cyanic,

Green *G*.

Xanthic,

Yellow green *Yg*

Yellow *Y*

Yellow-orange *Yo*

Orange *O*

Orange-red *O-r*

Red *R*.

SURFACE.

Prefix the number opposite the word used to describe the similar character of a leaf.

If the surface character is on the inside of the calyx or corolla, express it thus : < *ib* ; if on both sides, thus : 2 *c* < 2*b*.

Often the calyx is ribbed or nerved as in the Mint Family when the character is denoted thus : 5-Nerved, 15-Nerved, etc. 5-Ribbed, 15-Ribbed, etc.

TEXTURE.

Petalobulous; petal-like.

Herbaceous; leaf-like.

Fleshy; thickened with nourishment.

SEPALA AND PETALS.

Direction.

Appressed; lying flat against, close-pressed together.

Spreading; diverging loosely.

Reflexed; turned downwards or backwards.

Form.

Prefix the number opposite the word used to describe the similar form of a leaf.

ESTIVATION.

Open; when the calyx or corolla is not closed over the other parts of the flower. Ex. Mignonette.

Volute; when the parts are in contact edge to edge.

Induplicate; valvate with the edges turned inwards.

Reduplicate; valvate with the edges turned outwards.

Imbricate; when one or more petals or sepals is wholly outside, overlapping two others by both its margins.

Contorted; when each piece overlaps its neighbor all in the same direction, appearing twisted. Phlox.

Convolute; when each piece wholly involves all that are within it.

Plicate; when the tube is plaited.

Supervolute; when the plaits are laid over one another in a convolute manner.

Vaccillary; when one piece, larger than the others, is folded over all the rest. Ex. Pea, Bean.

STAMENS :

POSITION.

Alternate; when standing in front of the angle of the petals, or of the sepals when the petals are wanting.

Opposite; when standing in front of the petals, or in front of the sepals when the petals are wanting.

INSERTION.

Hypogynous; borne on the receptacle under the pistil.

Perigynous; borne on the calyx.

Epigynous; borne on the ovary apparently.

Gynandrous; consolidated with the style.

Epipetalous; borne on the petals.

On a Disk; borne on the disk of the receptacle.

COHESION.

Monadelphous; united by their filaments into one set.

Diadelphous; united by their filaments into two sets.

Triadelphous; united by their filaments into three sets.

Polyadelphous; united into more than three sets.

Syngenesious; united by their anthers.

LENGTH.

Didynamous; four in number, two long, two short.

Tetradynamous; six, four longer than the other two.

GENERAL FEATURES.

Included; not protruding out of the corolla.

Eserted; protruding out of the corolla.

Sexile; without a filament.

Univalent; converging together.

Sterile; filament without anther.

NUMBER.

Mon, Di, Tri, Tetr, Pent, Hex, Hept, Oct.

One, Two, Three, Four, Five, Six, Seven, Eight.

1, 2, 3, 4, 5, 6, 7, 8.

etc., up to twenty when Polyandrous, manyandrous or ∞ are used.

FILAMENT.

Form.

Capillary; slender, hair-like.

Filiform; thread-like.

Dilated; flattened, or leaf-like.

Heavy; thick in proportion to length.

Spurred; with a process at the base. Ex. Violet.

Surface.

Prefix the numbers of words used to describe the surface of leaves.

ANTHER.

Attachment.

Innate; attached by its base to the apex of the filament.

Adnate; attached by one face to the filament.

Versatile; fixed by its middle to the apex of the filament.

Introrse; turned towards the pistil.

Extrorse; turned outwards.

Pendulous; fixed by the apex, and hanging down.

Form.

Linear; long and narrow.

Sagittate; arrow-shaped.

Oblong; twice as long as wide.

Peltate; shield-shaped.

Ovate; egg-shaped.

Awned; beaked. Ex. many of the Heath Family.

Reniform; kidney-shaped.

Dimitate; lobes separated, (halved anthers).

Cordate; heart-shaped.

Number of Cells.

Express with numerals.

Dehiscence.

Lateral; opening the whole length of the anther.

Transverse; opening across the anther.

Porous; opening by chinks or pores.

Opercular; opening by valves upwards.

POLLEN.

Form.

Spheroidal, Oval, Triangular, Polyhedral, etc.

Surface.

Smooth, Grooved, Striped, Banded, Dotted, Checked
Spinous, etc.

POLLINIA.

Position.

Pendulous, Vertical, Horizontal, Parallel, Diverg-
ing, Dorsal, etc.

Number.

1, 2, 3, 4, 5, etc., Pairs; if single, 1, 2, 3, etc.

Attachment.

Sessile, Stalked.

Character.

Smooth, Cobwebby, Mealy, Powdery, Waxy.

PISTIL:

KIND.

Closed: when of the ordinary sort.

Gymnospermous: as in the Pine and Tamarack.

COHESION.

Simple: composed of but one carpel and having but
one cell, style, stigma, and placenta.

Compound, composed of several carpels.

Multiple; a collection of simple pistils.

NUMBER.

Mono, Di, Tri, Tetra, Penta, Poly-gynous.
1, 2, 3, 4, 5 ∞ many.

STYLE.

Form.

Filiform; slender, thread like.

Subulate; awl-shaped.

Club-shaped; enlarging upwards.

Branching; dividing into branches.

Declinate; turned over to one side.

Position.

Terminal; rising from the top of the ovary.

Lateral; rising from the side of the ovary.

Basilar; spring from the base of the ovary.

STIGMA.

Position.

Terminal: on the summit of the style.

Lateral: on the side of the style.

Sessile: borne on the ovary.

Recurved: terminal, bent sharply to one side.

Form.

Diskoid; disk shaped.

Hemispherical; half a sphere.

Globose: nearly globular.

Filiform: thread like. Ex. Corn.

Linear: long and slender.

Peltoid: resembling petals.

Peltate: shield shaped. Ex. Pitcher plant.

Fimbriate; fringed. Ex. Grasses.

Stellate: with radiating lines. Ex. Poppy.

Rostrate: bearing a beak.

Hooded: resembling a hood. Ex. Violet.
Flabellate: fan shaped.

OVARY.

Adhesion.

Superior: free from the calyx.

Half-superior: calyx united half way up.

Inferior: calyx wholly adherent.

Form.

Linear Terete, Flattened, Oblong, Ovale, Fusiform,
Conical, etc.

General Features.

Included: not protruding beyond the calyx.

Eserted: protruding beyond the calyx.

Stipitate: elevated on a stalk. Ex. Spurge.

Placentation.

Free-central: when the seeds are borne on a stalk in
the center of a one celled ovary.

Axillary: when the seeds are attached to the axis of
a compound pistil of two or more cells.

Parietal: when the seeds are arranged along the
sides of a simple or compound pistil. There may
be 1, 2, 3, etc., parietal placentae. In the parietal
placentation the seeds may cover nearly the whole
wall of the ovary, as in the Poppy and Gentian.

OVULES:

KINDS.

Anatropous: inverted with the raphe extending
from the base to the orifice.

Amphitropous: as in the last with the raphe ex-
tending half way from the base to the orifice.

Campylotropous: bent over to one side.

Orthotropous: straight, with the hilum at one end
and the orifice at the other.

DIRECTION IN OVARY.

Erect, rising directly upwards from the base.

Ascending, rising obliquely upwards.

Horizontal, inclining neither upwards nor down-
wards.

Pendulous, hanging obliquely downwards.

Suspended, hanging directly downwards from the
summit.

FRUIT.

DEHISCENCE:

Valvular.

Sutural, when it takes place at the sutures of any
one celled pod as in the Pea, Violet.

Septicidal, splitting through the partitions.

Loculicidal, opening into the back of the cell.

Septisragul, where the valves separate from the
partitions.

POROUS.

When opening by pores. Ex. Poppy.

CIRCUMSCISSILE.

When opening by a transverse circular line. Ex.
Purslane.

KINDS:

FLESHY.

Berry, rimd membranous. Ex. Currant, Grape.
Hesperidians, leathery rimd. Ex. Orange.
Pepo, rimd hard. Ex. Pumpkin, Squash.
Pome, adherent fleshy cavity.

STONE.

Drupe, three-coated, one-celled. Ex. Plum, Cherry.
Elatero, a cluster of drupes. Ex. Raspberry.
Trochu, a drish drupe, 2-coated (pear), fibro fleshy or woody, nucleus bony, cell often 2-parted. Ex. Butternut, Hickory.

DRY.

Indehiscent.

Achenium, coat free from the single seed.
Utricle, coat fitting loosely the single seed, and often splitting to discharge it.

Caryopsis, coat adherent to the seed. Ex. Grains.

Nut, Glans, coat hard, invested with an involucre. Ex. Acorn, Hazelnut.

Samaris, one-seeded, with a membranous wing. Ex. Maple.

Deliscent.

Follicle, 1-celled, many-seeded, opening by ventral suture.

Legume, 1-celled, splitting into two halves.

Loment, a jointed legume, separating into 1-seeded portions.

Capsule: pod of two or more carpels opening by valves or pores.

Regma; when the carpels separate elastically but remain attached to the carpophore. Ex. Cereanium.

Siliqua; a linear pod, 2-carpelled, 2-celled by false partitions.

Silicle; a short, broad silique.

Pyras, many-seeded opening by a lid.

AGGREGATE.

When a cluster of carpels are closely packed on one receptacle. Ex. Raspberry, Fig.

ACCESSORY.

When the most conspicuous part does not belong to nor is adherent with the ovary. Ex. Rose-hip, Four o'clock.

MULTIPLE.

Strobile, such as the cone of the Pine and Tamarrack.

Gabulus; a more or less fleshy closed cone. Ex. Juniper.

FORM.

The form of the fruit often differs from that of the young ovary and needs a special description.

NO. OF CELLS.

The number of cells in the fruit often differs from that in the young ovary, being sometimes less and sometimes more.

ODOR.

Terms similar to those suggested under "General Features" may be used.

TASTE.

Terms similar to those named under "General Features" may be used.

PERICARP.

TEXTURE.

Membranous; papery.

Coriaceous; leathery.

Succulent; fleshy.

Woody; having a woody texture.

Bony; having a firm hard texture. Ex. Hazelnut.

Horny; resembling horn.

SURFACE.

The surface of the fruit may be described as other surfaces are.

COLOR.

The pericarp of the matured fruit usually presents a different color from that of the green fruit.

SEED.

NUMBER:

Prefix numerals when of a definite number. When indefinite, the character *∞*.

FORM:

Such terms as Ovale, Ovoid, Oblong, Elliptical, Globose, Sub-globose, Ovat-globose, Reniform, Flattened, Rotate, Pulley-shaped, etc., are used to describe the form.

KIND:

Albuminous; when with albumen.

Exalbuminous; when without albumen.

COATS:

OUTER.

Surface.

The surface may be described as other surfaces are

Texture.

Membranous; thin and soft, like a membrane.

Coriaceous; leathery.

Crustaceous; crusty, hard and brittle.

Bony; of the consistency of bone.

Corneous; of the consistency of horn.

APPENDAGES:

Aril; an accessory covering or appendage of the seed formed by a growth of the funiculus, hilum, or placenta.

Carcule; an excrescence at the hilum of certain seeds. Ex. Polygala.

Strophole; a cellular growth of the micropyle. Ex. Euphorbia.

Wing; a membranous expansion of the testa. Ex. Trumpet-honeysuckle.

Coma; a tuft of hairs. Ex. Silkweed.

ATTACHMENT :

Sessile; when destitute of seed-stalk.

Paniculate; when supported on a seed-stalk.

ALBUMEN :

QUANTITY.

Such terms as Scanty, Abundant, Copious, etc., are used to express this feature.

TEXTURE.

Farinaceous, mealy; dry and flour-like.

Oily; containing oil. Ex. Poppy.

Fleshy; when it can be easily cut. Ex. Barberry.

Mucilaginous; when it chiefly consists of muciage or vegetable jelly. Ex. Morning Glory.

Cartilaginous; when resembling gristle. Ex. Blood-worts.

Cornaceous; having the texture of horn. Ex. Butter-cup.

Transparent; when it will allow the passage of light. Ex. Broom-rape.

Ruminated; when penetrated with holes or channels. Ex. Custard-apple.

EMBRYO :

FORM.

Slender, Long, Flat, Óvate, Ovoid, Spherical, etc.

SIZE :

Minute, Large; the length compared with the albumen may be expressed thus: $\frac{1}{4}$ Al, $\frac{1}{2}$ Al, $\frac{3}{4}$ Al, etc.

POSITION AS TO ALBUMEN.

Inside; enclosed by the albumen.

Outside; without the albumen.

Axial; at the center.

Excentric; within, to one side of the center.

Apical; at the apex, within or without.

Basilar; at the base, within or without.

Lateral; without, and on one side.

Peripheric; surrounding the albumen.

CONDITION.

Straight; as in the Cat-tail and Violet.

Curved; turned gradually to one side. Ex. Pink.

Bent; turned abruptly to one side. Ex. Buckwheat.

Annular; the two ends meeting to form a ring. Ex. Aramanth.

Coiled; with the ends carried by each other. Ex.

Hop.

Spiral; coiled like a spring. Ex. Rock-rose.

Convolute; rolled like a scroll. Ex. Indian Soap-wort.

Conduplicate; like incumbent, but the cotyledons bent so as to envelop the radicle. Ex. Cabbage.

Accumbent; the radicle turned round and applied to the edges of the cotyledons. Ex. Candy-tuft.

Incumbent; the radicle applied against the back of one of the cotyledons. Ex. False Flax.

RADICLE.

Direction.

Ascending; pointing to the apex of the fruit.

Descending; pointing to the base of the fruit.

Centripetal; pointing to the axis of the fruit.

Centrifugal; pointing to the side of the fruit.

Vague; when it bears no evident or uniform relation to the kind to the pericarp.

Length.

Long, or Short; or when compared with the cotyledons, 1 Ct, $\frac{1}{2}$ Ct, $\frac{1}{4}$ Ct, $\frac{1}{2}$ Ct, etc., for radicle equal, or $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, etc., times the length of the cotyledons.

PLUMULE

Number.

Usually one, but sometimes several, as in the Skunk Cabbage.

Position.

Axial; in the axis between the cotyledons.

Inferior; at the end towards the base of the ovary.

Superior; at the end towards the summit of the ovary.

Lateral; next to one side of the ovary.

Size.

Conspicuous; when large enough to be easily seen with the naked eye.

Inconspicuous; when so small as to require a glass to observe it.

Form.

Foliateous; when it is leaf-like.

Other terms used to describe bodies of a similar

form are applied here.

COTYLEDONS.

Form.

Foliateous; having the form of a leaf.

Sinuate; bent out and in. Ex. Walnut.

Thickened, Thin, Plano-convex, Lobed, Notched,

Linear, Ovate, etc.

Size.

Large, Small; as compared with the size of the seed

Number.

0 ; as in the Dodder.

1 ; as in the Corn, Lily,

2 ; as in the Bean, Oak.

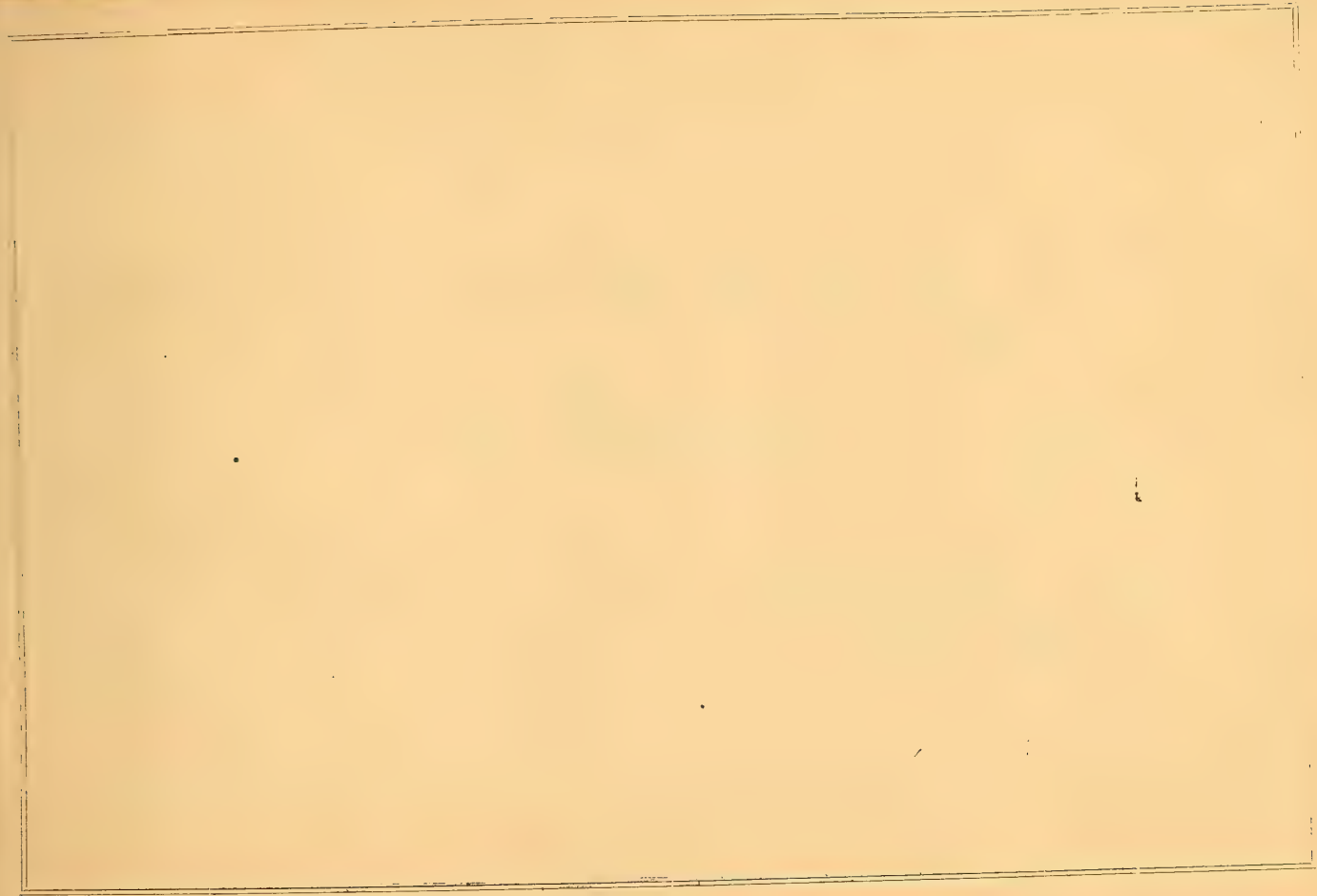
3 ; as in some Pines and accidentally in some Cruciferous plants.

4 ; as in the Hornwort Family.

Many ; as in many of the Conifere.

Texture.

This may be similar to the texture of the albumen.



CHECK TABLET.

GENERAL FEATURES.

- Habit. terrestrial
 aquatic
 parasitic
 aerial
- Duration annual
 biennial
 perennial
- Odor
- Juice
- Color
- Gen. Char.

- 3 spatulate
 4 oblong
 5 elliptical
 6 oval
 7 ovate
 8 obovate
 9 cuculate
 10 mucate
 11

- 12 acuminate
 13 acute
 14 obtuse
 15 truncate
 16 emarginate
 17 cordate
 18 auriculate
 19 sagittate
 20 hastate
 21 pedate
 22 reniform
 23 orbiculate
 24 cordate
 25 recurvate
 26

- 27 marginated
 28 clasping
 29 sheathing
 30
- Kind
- Surface
- Length
- Stipules
- a b c d

- 1 villous
 2 silky
 3 woolly
 4 velvety
 5
- Stiff Hairs
- 1 scabrous
 2 hispid
 3 aculeate
 4 spinous
 5 prickly

LEAVES.

- 1 alternate.
 2 scattered.
 3 fasciculate.
 4 opposite.
 5 verticillate.
 6 persistent.
 7 deciduous.
 8 deciduous.
 9 imbricate.
 10 aristate.
- Kind
- Surface
- Length
- Stipules
- a b c d

- 1 acuminate
 2 acute
 3 obtuse
 4 truncate
 5 emarginate
 6 cordate
 7 auriculate
 8 sagittate
 9 hastate
 10 pedate
 11 reniform
 12 orbiculate
 13 cordate
 14 recurvate
 15

- 16 marginated
 17 clasping
 18 sheathing
 19
- Kind
- Surface
- Length
- Stipules
- a b c d

STEM.

- 1 herbaceous
 2 ligneous
 3 succulent
 4 arborescent
 5 fruticose
 6 arborescent
 7
- Gen. Char.
- STEM.
- 1 erect
 2 ascending
 3 decumbent
 4 diffuse
 5 prostrate
 6 creeping
 7 climbing
 8 twining
 9 simple
 10 furcate
 11 excurrent
 12 racemose
 13 paniculate
 14 corymbose
 15 deliquescent
 16 suckers
 17 stolons
 18 offsets
 19 runners
 20 tendrils
 21 thorns

- 1 herbaceous
 2 ligneous
 3 succulent
 4 arborescent
 5 fruticose
 6 arborescent
 7
- Gen. Char.
- STEM.
- 1 erect
 2 ascending
 3 decumbent
 4 diffuse
 5 prostrate
 6 creeping
 7 climbing
 8 twining
 9 simple
 10 furcate
 11 excurrent
 12 racemose
 13 paniculate
 14 corymbose
 15 deliquescent
 16 suckers
 17 stolons
 18 offsets
 19 runners
 20 tendrils
 21 thorns

- 22 striate
 23 grooved
 24 angled
 25 solid

Dir. of Growth

- 1 ascending
 2 decumbent
 3 rugose
 4 serrate
 5 crenate
 6 repand
 7 sinuate
 8 incised
 9 fringed
 10 ciliate
 11 serrulate
 12 lobed
 13 cleft
 14 parted
 15 pectinate
 16 lyrate
 17 renunciate
 18 divided
 19
- Gen. Char.
- Texture
- 1 succulent
 2 coriaceous
 3 rugose
 4 sericeous
 5 farinaceous
 6 straggly
 7 curved
 8 transverse
 9
- Netted
- 1 pinnate
 2 3-nerved
 3 5-nerved
 4 radiate
 5

- 1 herbaceous
 2 ligneous
 3 succulent
 4 arborescent
 5 fruticose
 6 arborescent
 7
- Gen. Char.
- Texture
- 1 succulent
 2 coriaceous
 3 rugose
 4 sericeous
 5 farinaceous
 6 straggly
 7 curved
 8 transverse
 9
- Netted
- 1 pinnate
 2 3-nerved
 3 5-nerved
 4 radiate
 5

- 6 venose
 7
- VENATION.
- 1 parallel
 2 straight
 3 curved
 4 transverse
 5
- Netted
- 1 pinnate
 2 3-nerved
 3 5-nerved
 4 radiate
 5

Form.

- 1 deliquescent
 2 succers
 3 stolons
 4 offsets
 5 runners
 6 tendrils
 7 thorns
- Gen. Char.
- 1 striate
 2 grooved
 3 angled
 4 solid

- 1 herbaceous
 2 ligneous
 3 succulent
 4 arborescent
 5 fruticose
 6 arborescent
 7
- Gen. Char.
- Texture
- 1 succulent
 2 coriaceous
 3 rugose
 4 sericeous
 5 farinaceous
 6 straggly
 7 curved
 8 transverse
 9
- Netted
- 1 pinnate
 2 3-nerved
 3 5-nerved
 4 radiate
 5

- 8 venose
 9
- VENATION.
- 1 parallel
 2 straight
 3 curved
 4 transverse
 5
- Netted
- 1 pinnate
 2 3-nerved
 3 5-nerved
 4 radiate
 5

Special Forms

- 1 deliquescent
 2 suckers
 3 stolons
 4 offsets
 5 runners
 6 tendrils
 7 thorns
- Gen. Char.
- 1 striate
 2 grooved
 3 angled
 4 solid

- 1 herbaceous
 2 ligneous
 3 succulent
 4 arborescent
 5 fruticose
 6 arborescent
 7
- Gen. Char.
- Texture
- 1 succulent
 2 coriaceous
 3 rugose
 4 sericeous
 5 farinaceous
 6 straggly
 7 curved
 8 transverse
 9
- Netted
- 1 pinnate
 2 3-nerved
 3 5-nerved
 4 radiate
 5

- 8 venose
 9
- VENATION.
- 1 parallel
 2 straight
 3 curved
 4 transverse
 5
- Netted
- 1 pinnate
 2 3-nerved
 3 5-nerved
 4 radiate
 5

FLOWER.

- 1 tubular
 2 salverform
 3 corolla-tubular
 4 tubular
 5 salverform
 6 corolla-tubular
 7 tubular
 8 salverform
 9 corolla-tubular
 10 tubular
 11 salverform
 12 corolla-tubular
 13 tubular
 14 salverform
 15 corolla-tubular
 16 tubular
 17 salverform
 18 corolla-tubular
 19 tubular
 20 salverform
 21 corolla-tubular
 22 tubular
 23 salverform
 24 corolla-tubular
 25 tubular
 26 salverform
 27 corolla-tubular
 28 tubular
 29 salverform
 30 corolla-tubular
 31 tubular
 32 salverform
 33 corolla-tubular
 34 tubular
 35 salverform
 36 corolla-tubular
 37 tubular
 38 salverform
 39 corolla-tubular
 40 tubular
 41 salverform
 42 corolla-tubular
 43 tubular
 44 salverform
 45 corolla-tubular
 46 tubular
 47 salverform
 48 corolla-tubular
 49 tubular
 50 salverform
 51 corolla-tubular
 52 tubular
 53 salverform
 54 corolla-tubular
 55 tubular
 56 salverform
 57 corolla-tubular
 58 tubular
 59 salverform
 60 corolla-tubular
 61 tubular
 62 salverform
 63 corolla-tubular
 64 tubular
 65 salverform
 66 corolla-tubular
 67 tubular
 68 salverform
 69 corolla-tubular
 70 tubular
 71 salverform
 72 corolla-tubular
 73 tubular
 74 salverform
 75 corolla-tubular
 76 tubular
 77 salverform
 78 corolla-tubular
 79 tubular
 80 salverform
 81 corolla-tubular
 82 tubular
 83 salverform
 84 corolla-tubular
 85 tubular
 86 salverform
 87 corolla-tubular
 88 tubular
 89 salverform
 90 corolla-tubular
 91 tubular
 92 salverform
 93 corolla-tubular
 94 tubular
 95 salverform
 96 corolla-tubular
 97 tubular
 98 salverform
 99 corolla-tubular
 100 tubular

- 1 tubular
 2 salverform
 3 corolla-tubular
 4 tubular
 5 salverform
 6 corolla-tubular
 7 tubular
 8 salverform
 9 corolla-tubular
 10 tubular
 11 salverform
 12 corolla-tubular
 13 tubular
 14 salverform
 15 corolla-tubular
 16 tubular
 17 salverform
 18 corolla-tubular
 19 tubular
 20 salverform
 21 corolla-tubular
 22 tubular
 23 salverform
 24 corolla-tubular
 25 tubular
 26 salverform
 27 corolla-tubular
 28 tubular
 29 salverform
 30 corolla-tubular
 31 tubular
 32 salverform
 33 corolla-tubular
 34 tubular
 35 salverform
 36 corolla-tubular
 37 tubular
 38 salverform
 39 corolla-tubular
 40 tubular
 41 salverform
 42 corolla-tubular
 43 tubular
 44 salverform
 45 corolla-tubular
 46 tubular
 47 salverform
 48 corolla-tubular
 49 tubular
 50 salverform
 51 corolla-tubular
 52 tubular
 53 salverform
 54 corolla-tubular
 55 tubular
 56 salverform
 57 corolla-tubular
 58 tubular
 59 salverform
 60 corolla-tubular
 61 tubular
 62 salverform
 63 corolla-tubular
 64 tubular
 65 salverform
 66 corolla-tubular
 67 tubular
 68 salverform
 69 corolla-tubular
 70 tubular
 71 salverform
 72 corolla-tubular
 73 tubular
 74 salverform
 75 corolla-tubular
 76 tubular
 77 salverform
 78 corolla-tubular
 79 tubular
 80 salverform
 81 corolla-tubular
 82 tubular
 83 salverform
 84 corolla-tubular
 85 tubular
 86 salverform
 87 corolla-tubular
 88 tubular
 89 salverform
 90 corolla-tubular
 91 tubular
 92 salverform
 93 corolla-tubular
 94 tubular
 95 salverform
 96 corolla-tubular
 97 tubular
 98 salverform
 99 corolla-tubular
 100 tubular

CHECK TABLET.

GENERAL FEATURES.

Habit.
 1 terrestrial
 2 aquatic
 3 parasitic
 4 aerial
Duration
 1 annual
 2 biennial
 3 perennial

Odor

Juice
 1 colorless
 2 yellow
 3 green
 4 red
 5 black

Form

1 conical
 2 fusiform
 3 napiform
 4 ramose
 5 solvent
 6 fibrous
 7 spongy
 8 fasciculate
 9 aerial

Gen. Char.

STEM

1 exogenous
 2 endogenous

nature

1 herbaceous
 2 suffruticosus
 3 sufruticose
 4 arborescent
 5 arboresus
 6 scandent
 7 decumbent
 8 prostrate
 9 creeping
 10 climbing
 11 twining
 12 simple
 13 branched
 14 furcate
 15 excavant
 16 racemose
 17 paniculate
 18 corymbosus
 19 diffuse
 20 deliquescent

Dir. of Growth

1 erect
 2 ascending
 3 diffuse
 4 prostrate
 5 creeping
 6 climbing
 7 twining

Branching

1 simple
 2 furcate
 3 racemose
 4 paniculate
 5 corymbosus
 6 diffuse
 7 deliquescent

SpecialForms

1 suckers
 2 stolons
 3 runners
 4 tendrils
 5 thorns

Gen. Char.

1 terete
 2 striate
 3 grooved
 4 angled.
 5 solid

1 hollow
 2 flexuose
 3 geniculate
 4 tumid
 5 jointed
 6 a. b. c.
 7 d.

Surface

1 glabrous
 2 tomentose
 3 pubescent
 4 lanuginous
 5 villous
 6 glandular
 7 mucous
 8 scabrous
 9 spinous
 10 prickly
 11 b. c. d.

Color

1 white
 2 yellow
 3 green
 4 red
 5 black

Underground

1 tuber
 2 rhizoma
 3 bulb
 4 s. stipe
 5 petiole
 6 stipulate
 7 exstipulate
 8 equitant
 9 sagittate
 10 hastate
 11 peltate
 12 reniform
 13 clasping
 14 connate
 15 decurrent
 16 a. b. c. d.

Arrangement

1 On the Stem.
 2 cauline
 3 radical
 4 a. b. c. d.

Along the Axis.

1 alternate.
 2 scattered
 3 posulate
 4 fasciculate
 5 opposite
 6 verticillate

Duration

1 persistent
 2 deciduous
 3 a. b. c. d.

Vernation

1 succulent
 2 succivous
 3 rugose
 4 scariosus
 5 venation.
 6 parallel
 7 straight
 8 curved
 9 transverse
 10 a. b. c. d.

Texture

1 succulent
 2 succivous
 3 rugose
 4 scariosus
 5 venation.
 6 parallel
 7 straight
 8 curved
 9 transverse
 10 a. b. c. d.

Venation.

1 parallel
 2 straight
 3 curved
 4 transverse
 5 a. b. c. d.

Netted.

1 pinnate
 2 3-nerved
 3 5-nerved
 4 rugate
 5 a. b. c. d.

Form.

1 Compound.
 2 pinnate
 3 palmate
 4 lobate
 5 a. b. c. d.

Simple, Leaves

1 Gen. Outline
 2 filiform
 3 ovate
 4 acute-ang.
 5 obtuse
 6 lanceolate
 7 oblanceolate

1 spatulate
 2 oblong
 3 elliptical
 4 oval
 5 round
 6 ovate
 7 obovate
 8 cuneate
 9 a. b. c. d.

Base

1 acuminate
 2 acute
 3 obtuse
 4 truncate
 5 retuse
 6 emarginate
 7 cordate
 8 auriculate
 9 sagittate
 10 hastate
 11 peltate
 12 reniform
 13 clasping
 14 connate
 15 decurrent
 16 a. b. c. d.

Petiole

1 Form
 2 grooved
 3 compressed
 4 leaf-like
 5 a. b. c. d.

Kind

1 margined
 2 sheathing
 3 a. b. c. d.

Surface

1 a. b. c. d.

Stipules

1 Form
 2 a. b. c. d.

Adhesion

1 tree
 2 adnate
 3 clasping
 4 membranous
 5 foliaceous
 6 spinous
 7 persistent
 8 deciduous
 9 fugacious
 10 a. b. c. d.

BRACTS

1 Form
 2 a. b. c. d.

Gen. Character

1 foliaceous
 2 petaloidous
 3 spinous
 4 membranous
 5 a. b. c. d.

INFLORESCENCE

1 Terminal
 2 solitary
 3 cyme
 4 raceme
 5 glomerule
 6 raceme
 7 raceme
 8 raceme
 9 raceme
 10 raceme
 11 raceme
 12 raceme
 13 raceme
 14 raceme
 15 raceme
 16 raceme
 17 raceme
 18 raceme
 19 raceme
 20 raceme

Axillary

1 solitary
 2 raceme
 3 raceme
 4 raceme
 5 raceme
 6 raceme
 7 raceme
 8 raceme
 9 raceme
 10 raceme
 11 raceme
 12 raceme
 13 raceme
 14 raceme
 15 raceme
 16 raceme
 17 raceme
 18 raceme
 19 raceme
 20 raceme

Surface

1 No hairs
 2 glabrous
 3 lanuginous
 4 pubescent
 5 verrucose
 6 soft hairs
 7 pilosus
 8 pubescent

1 symmetrical
 2 complete
 3 perfect
 4 regular
 5 paniculate
 6 striate
 7 neutral
 8 a. b. c. d.

Odor

1 mucros

Plan

1 stalk
 2 pedicel
 3 Length
 4 Surface. a. b. c.
 5 Length.
 6 Height.
 7 Surface. a. b. c.
 8 Form

Involucere

1 rosaceous
 2 cup-shaped
 3 hemispherical
 4 bell-shaped
 5 cylindrical
 6 conical
 7 ovoid

Scales

1 No. of rows.
 2 Margin.
 3 Direction.

Direction.

1 erect
 2 spreading
 3 reflexed
 4 a. b. c. d.

Texture

1 petaloidous
 2 foliaceous
 3 scariosus
 4 spinous
 5 rigid
 6 chafly.

Receptacle

1 urn-shaped
 2 concave
 3 flat
 4 cylindrical
 5 conical
 6 conical
 7 hemispherical

Disk.

1 0/2 synous
 2 apigynous
 3 epigynous
 4 a. b. c. d.

Stipule

1 naked
 2 smooth
 3 punctate
 4 striate
 5 bristly

FLOWER.

1 Kind

.....chafely Texture	.....versatile introrse extorse pendulous Form	.....included exserted	.....Surface <i>a. b. c.</i> Color
Calyx-Corolla Gamosepalous Gamoperalous.....saucer-shaped.....cup-shaped.....campanulate.....tubular form.....salver form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....guttate.....ringent.....perianthic.....spuried.....mitred.....saccate	.....sepalis.....petalis.....sepalis.....petalis.....a. b. c. d. .....spurred.....a. b. c. d. .....petals.....a. b. c. d.	.....Pre-central.....axillary.....parietal	Gen. Character.....ribbed.....grooved.....narrowed
Stamens Number.....alternate.....opposite.....Insertion.....hypogynous.....perigynous.....epigynous.....on a disk.....epitactous.....Length.....long.....short.....didymous.....tetradynamous.....Cohesion.....adiphaous.....synangensious.....included.....exserted.....sessile.....connivent.....Filament.....Form.....axillary.....filiform	.....terminal.....lateral.....basilar.....Number.....Surface <i>a. b. c.</i> .....Ovary.....Adhesion.....superior.....half-superior.....inferior.....Form.....Surface <i>a. b. c.</i> .....Gen. Features	Kind.....berry.....pepo.....pome.....Stano.....Stylo.....Form.....globose.....lobed.....filiform.....linear.....Stylo.....filiform.....brachytic.....dechmate.....Position.....terminal.....lateral.....Number.....Surface <i>a. b. c.</i>	SEED Number.....oblong.....ovate.....ovoid
Border.....truncate.....entire.....lob-d.....cleit.....part-d Pappus.....cup.....scaly.....awns.....bristles	.....Pollinia.....Pistil.....Kinds.....open.....closed.....cohesion.....simple.....multiple.....compound.....Number.....Stigma.....Position.....terminal.....lateral.....sessile.....Form.....discoit.....lobed.....filiform.....linear.....Stylo.....filiform.....brachytic.....dechmate.....Position.....terminal.....lateral.....basilar.....Number.....Surface <i>a. b. c.</i>	Attachment.....sessile.....funiculate.....Number.....Surface <i>a. b. c.</i> .....Color.....Texture	Form.....oblong.....ovate.....ovoid
Porepalus Polyptalpus.....resacous.....lilaceous.....cruciferous.....curvophyllous.....papilionaceous.....anomalous.....Duration.....deciduous.....marcescent.....persistent.....Color.....calyx.....corolla.....Surface.....calyx.....ribbed.....nerved.....corolla.....throat	.....Fruit.....Kinds.....Septicidal.....septicidal.....circumscissile.....Number.....Fruit.....Dehiscence.....Septicidal.....septicidal.....circumscissile.....Kinds.....berry.....pepo.....pome.....Stano.....Dry.....achonium.....atriole.....Samara.....follicle.....legume.....capsule.....silique.....silicle.....pyxis.....Aggregate.....Accessory.....Multiple.....No. of Cells.....Odor.....Taste.....Pericarp.....Texture.....membranous.....coriaceous.....succulent	Appendages.....aril.....caruncle.....strophiole.....wing.....coma	Albumen Quantity.....Texture.....Color
Texture	.....Surface <i>a. b. c.</i> .....Gen. Features	Embryo Form.....straight.....bent.....rolled.....Size.....Position as to Albumen.....outside.....inside.....Radicle.....Direction.....Length.....Fluvalb.....Number.....Position.....Cotyledons.....Form.....Size.....Number.....Texture	Remarks:

REMARKS:

ORDER:

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE,

No.

187

.....chafy Texture	.....versatile infrorse extrorse pendulous Form	.....included exserted	.....Surface, <i>a. b. c.</i> Color
Calyx, Corolla Gamopetalous Gamopetalous.....rotate saucer-shaped cup-shaped campanulate funnel-form urn-shaped top-shaped tubular ligulate lobate galeate ring-on personate spurred inflated saccate	.....sepalate petals Form.....a. b. c. d. .....e. d. .....a. b. c. d. .....a. b. c. d.	.....Flacination.....pre-central.....axillary.....arterial	.....Gen. Character.....ribbed.....grooved.....furrowed
Borbor.....truncate.....entire.....lobed.....cleit.....paried	Stamens Number.....opposite.....alternate	.....Kinds.....fleshy.....berry.....pepo.....pome	SEED Number.....oblong.....ovoid
Floppus.....cup.....seeds.....awns.....bristles	Insertion.....hypogynous.....perigynous.....gynandrous.....on a disk.....epitactical	Dehiscence.....schizoid.....dehiscid.....circumscissile	Form.....oblong.....ovoid
Polysepal us Polypetalous.....resaccous.....filaccous.....cruciferous.....caryophyllaccous.....papilionaccous.....monilous	Length.....long.....short.....didynamous.....tetradynamous.....Cohesion.....adcliphous.....surgenscous	Number.....fleshy.....berry.....pome	Attachment.....sessile.....funiculate
Duration.....deciduous.....marcescent.....persistent	Gen. Features.....included.....exserted.....sessile.....convivent	Embryo Form.....straight.....bent.....rolled	Coats Surface, <i>a. b. c.</i> Color Texture
Color.....calyx.....corolla.....calyx.....ribbed.....nerved.....corolla.....throat	Filament Form.....capillary.....filiform	Albumen Quantity.....cornu.....cornu Texture	Position as to Albumen.....outside.....inside.....radicle
Texture	Surface, <i>a. b. c.</i> .....limbate.....adnate	Aggregate.....ovary.....accessory.....multiple	Direction.....Length.....Plumule.....Position.....Coryleous Form
	No. of Cells.....superior.....inferior	Odor Taste Pericarp Texture	Size Number Texture
	Surface, <i>a. b. c.</i> .....adnate	membranous.....cartaceous.....succulent	

REMARKS:

ORDER:

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE,

No.

187.

CHECK TABLET.

GENERAL FEATURES.	8 hollow	8 spatulate	4 villous	1 symmetrical
Habit.	9 flexuose	9 oblong	5 silky	1 complete
terrestrial	10 geniculate	10 elliptical	6 woolly	1 perfect
aquatic	11 tumid joint	11 oval	7 velvety	1 regular
parasitic	12 c	12 round	8 scabrous	1 stipitate
aerial	13 sessile	13 ovate	9 hispid	1 neutral
Duration	14 annular	14 obovate	10 stipulous	
annual	15 biennial	15 cuneate	11 pedicel	Odor
biennial	16 perennial	16 rhizomat	12 acuminate	1 mucrous
perennial			13 tuberc	Plan
			14 bulb	Stalk
Juice			15 sessile	Footnote
Color			16 p etiolate	Length
Taste			17 stipulate	Surface
Gen. Char.			18 exstipulate	<i>a. b. c.</i>
ROOT.			19 equitant	Length
Form			20 men	Height
conical			21 men	Surface
fusiform			22 men	<i>a. b. c.</i>
nupiform			23 men	Involute
ramose			24 men	Form
solvent			25 men	1 rosaceous
fibrous			26 men	1 cup-shaped
fasciculate			27 men	1 hemispherical
acral			28 men	1 bell-shaped
Gen. Char.			29 men	1 cylindrical
STEM.			30 men	1 conical
exogenous			31 men	1 ovoid
ending enou			32 men	
Nature			33 men	Scab
herbaceous			34 men	No. of roots
suffrutescens			35 men	Number
suffruticose			36 men	Direction
fruticose			37 men	1 erect
arborescent			38 men	1 spreading
arborescent			39 men	1 collected
erect			40 men	Form
assurgent			41 men	<i>a. b. c. d.</i>
decumbent			42 men	Feature
dituose			43 men	1 petaloidous
prostrate			44 men	1 tomentous
creeping			45 men	1 scabrous
climbing			46 men	1 spinous
twining			47 men	1 fig d
Branching			48 men	1 chafly
simple			49 men	
furcate			50 men	Receptacle
excurrent			51 men	Form
racemose			52 men	1 urn-shaped
paniculate			53 men	1 concave
corymbose			54 men	1 flat
diffuse			55 men	1 cylindrical
deliquescent			56 men	1 elongated
Special Forms			57 men	1 conical
suckers			58 men	1 convex
stolons			59 men	1 hemispherical
obsets			60 men	1 tuberc
runners			61 men	Dist.
terridis			62 men	1 nyctogynous
thorns			63 men	1 perigynous
Gen. Char.			64 men	1 epigynous
terridis			65 men	Surface
striate			66 men	1 naked
grooved			67 men	1 smooth
naked			68 men	1 punctate
solid			69 men	1 alveolate
			70 men	1 bristly
			71 men	
			72 men	
			73 men	
			74 men	
			75 men	
			76 men	
			77 men	
			78 men	
			79 men	
			80 men	
			81 men	
			82 men	
			83 men	
			84 men	
			85 men	
			86 men	
			87 men	
			88 men	
			89 men	
			90 men	
			91 men	
			92 men	
			93 men	
			94 men	
			95 men	
			96 men	
			97 men	
			98 men	
			99 men	
			100 men	

.....chaffy Texture	.....versatile introse extrose pendulous form.....sepalate.....petalate.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	.....Surface, a. b. .c.
Calyx-Corolla G. ....mossopulous Gamopetalous.....rotate.....saucer-shaped.....cup-shaped.....campanulate.....funnel-form.....silver-form.....urn-shaped.....top-shafted.....tubular.....ligulate.....labiate.....galeate.....ringent.....perispermate.....spurred.....inducate.....saccate	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....inruoved
Aestivation.....open.....valvate.....reduplicate.....induplicate.....imbricate.....contorted.....convolute.....plicate.....supervolv. b.	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	SEED Number
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Form.....oblong.....oblong.....ovate.....ovoid
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Attachment.....sessile.....funiculate
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Coats Surface, a. b. .c.
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Color Texture
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Alburnum quantity Texture Color
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Embryo Form.....straight.....bent.....rolled
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Position as to Albumen.....outside.....inside.....radicle.....Direction.....Length.....Number.....Position.....Cotyledons.....Form
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Size Number Texture
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Aggregate.....Accessory.....Multiple
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	No. of Cells Odor Taste Pericarp Texture
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Surface, a. b. .c. Gen. Features
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Remarks:
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	ORDER:
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	Name, { SCIENTIFIC, } COMMON,
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	LOCALITY,
Stamens Number.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....sytra.....on a disk.....epicarpituous	.....sepalate.....petals.....sepal.....petal.....spurrd.....petal.....petal.....ovate.....cordate.....lobed No. of Cells, .....Deliosence.....lateral Pollen	.....included.....emitted Flaccidation.....pre-ventral.....axillary.....parietal	187.

REMARKS:

ORDER:

Name, { SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE,

187.

No.

CHECK TABLET.

GENERAL FEATURES.

Habit.
 1 terrestrial
 2 aquatic
 3 parasitic
 4 aerial
Duration
 1 annual
 2 biennial
 3 per-annual

Odor

Juice
 1 color
 2 taste
 3 gen. char.
ROOT.

Form

1 conical
 2 fusiform
 3 napiform
 4 ramose
 5 solvent
 6 fibrous
 7 fasciculate
 8 aereal

Gen. Char.

STEM.
 1 exogenous
 2 endogenous
Mature
 1 herbaceous
 2 suffruticose
 3 fruticose
 4 arborescent
Dir. of Growth
 1 erect
 2 assurgent
 3 decumbent
 4 diffuse
 5 prostrate
 6 creeping
 7 climbing
 8 twining

Branching

1 simple
 2 bipinnate
 3 pinnate
 4 recurrent
 5 racemose
 6 paniculate
 7 compound
 8 diffuse
Form.
 1 deliquescent
 2 succers

Special Forms

1 stolons
 2 suckers
 3 runners
 4 tendrils
 5 thorns
Gen. Char.
 1 terete
 2 striate
 3 grooved
 4 angled
 5 solid

6 hollow
 7 flexuose
 8 geniculate
 9 tumid joint
 10 oval
 11 round
 12 ovate
 13 obovate
 14 cucurbit
 15 emarginate
 16 cordate
 17 auriculate
 18 hastate
 19 pelate
 20 reniform
 21 clasping
 22 connate
 23 decurrent
Along the Axis.
 1 alternate
 2 scattered
 3 fasciculate
 4 opposite
 5 verticillate
Duration
 1 persistent
 2 deciduous
Vernation
 1 succulent
 2 coriaceous
 3 rugous
 4 scabrous
Venation.
 1 straight
 2 curved
 3 transverse

Netted.

1 pinnate
 2 3-nerved
 3 5-nerved
 4 radiate

Form.

1 pinnate
 2 palmate
 3 foliate
Simple, Leaders
 1 Gen. *Ordine*
 2 fliform
 3 acicular
 4 acerosc
 5 subulate
 6 linear
 7 lanceolate
 8 oblanccolate

9 spatulate
 10 silky
 11 woolly
 12 velvety
SHF Hairs
 1 scariosus
 2 hispid
 3 ciliate
 4 spinous
 5 prickly
Petiole
 1 Form
 2 terete
 3 grooved
 4 compressed
 5 leaf-like
Kind
 1 margined
 2 clasping
 3 sheathing
Involute
 1 rosaceous
 2 cup-shaped
 3 hemispherical
 4 bell-shaped
 5 cylindrical
 6 conical
 7 exort.

Scale

1 No. of ribs
 2 Number
Direction.
 1 erect
 2 spreading
 3 reflexed
Form.
 1 a. b. c. d.
 2 Form
BRACTS
 1 a. b. c. d.
 2 Form
Gen. Character
 1 foliaceous
 2 membranous
 3 petalaceous
 4 membranous
 5 spinous
Duration
 1 persistent
 2 deciduous
Involute
 1 a. b. c. d.
 2 Form
BRACTS
 1 a. b. c. d.
 2 Form
Gen. Character
 1 foliaceous
 2 membranous
 3 petalaceous
 4 membranous
 5 spinous

INFLUENCE

Terminal
 1 solitary
 2 cymic
 3 fasciate
 4 glomerule
 5 verticillaster
Axillary
 1 solitary
 2 cymic
 3 umbel
 4 panic
 5 byrrsus
 6 spike
 7 spatula
 8 celtid
 9 head
FLOWER.
 1 Kind

2 villous
 3 silky
 4 woolly
 5 velvety
SHF Hairs
 1 scariosus
 2 hispid
 3 ciliate
 4 spinous
 5 prickly
Petiole
 1 Form
 2 terete
 3 grooved
 4 compressed
 5 leaf-like
Kind
 1 margined
 2 clasping
 3 sheathing
Involute
 1 rosaceous
 2 cup-shaped
 3 hemispherical
 4 bell-shaped
 5 cylindrical
 6 conical
 7 exort.

Scale

1 No. of ribs
 2 Number
Direction.
 1 erect
 2 spreading
 3 reflexed
Form.
 1 a. b. c. d.
 2 Form
BRACTS
 1 a. b. c. d.
 2 Form
Gen. Character
 1 foliaceous
 2 membranous
 3 petalaceous
 4 membranous
 5 spinous

INFLUENCE

Terminal
 1 solitary
 2 cymic
 3 fasciate
 4 glomerule
 5 verticillaster
Axillary
 1 solitary
 2 cymic
 3 umbel
 4 panic
 5 byrrsus
 6 spike
 7 spatula
 8 celtid
 9 head
FLOWER.
 1 Kind

6 villous
 7 silky
 8 woolly
 9 velvety
SHF Hairs
 1 scariosus
 2 hispid
 3 ciliate
 4 spinous
 5 prickly
Petiole
 1 Form
 2 terete
 3 grooved
 4 compressed
 5 leaf-like
Kind
 1 margined
 2 clasping
 3 sheathing
Involute
 1 rosaceous
 2 cup-shaped
 3 hemispherical
 4 bell-shaped
 5 cylindrical
 6 conical
 7 exort.

Scale

1 No. of ribs
 2 Number
Direction.
 1 erect
 2 spreading
 3 reflexed
Form.
 1 a. b. c. d.
 2 Form
BRACTS
 1 a. b. c. d.
 2 Form
Gen. Character
 1 foliaceous
 2 membranous
 3 petalaceous
 4 membranous
 5 spinous

INFLUENCE

Terminal
 1 solitary
 2 cymic
 3 fasciate
 4 glomerule
 5 verticillaster
Axillary
 1 solitary
 2 cymic
 3 umbel
 4 panic
 5 byrrsus
 6 spike
 7 spatula
 8 celtid
 9 head
FLOWER.
 1 Kind

CHECK TABLET.

GENERAL FEATURES.

- Habit. terrestrial
 aquatic
 parasitic
 aerial
 Duration annual
 biennial
 per-ennial

- 8 spatulate
 9 oblong
 10 elliptical
 11 oval
 12 round
 13 ovate
 14 obovate
 15 cuneate
 16

- 4 villous
 5 silky
 6 woolly
 7 velvety

- 1 symmetrical
 2 complete
 3 perfect
 4 regular
 5 staminate
 6 neutral

Surface

- a b c
 Color
 Height
 Underground
 rhizomat

- 17 divided
 18
 19
Surface
 a No hairs
 1 glabrous
 2 glaucous
 3 punctate
 4 verrucose
 5

- 1 scabrous
 2 hispid
 3 ciliate
 4 spinous
 5 prickly
 6

- 1 merous
Odor
Plan
Stalk
 Peduncle
 Length
 Surface a b c
 Length
 Height
 Surface a b c
Involucere
 Form
 cup-shaped
 hemispherical
 bell-shaped
 cylindrical
 conical
 ovoid.

Odor

- Juice conical
 fusiform
 napiform
 ramose
 solvent
 fibrous
 fasciculate
 aereal

- b acuminat
 1 acute
 2 obtuse
 3 truncate
 4 retuse
 5 unmarginat
 6 cordate
 7 auriculate
 8 sagittate
 9 hastate
 10 pedate
 11 reniform
 12 clasping
 13 connate
 14 decurrent
 15
 16

- 1 terete
 2 grooved
 3 compressed
 4 leaf-like
Kind
 margined
 clasping
 sheathing
 Surface a b c
 Length

- 1 rosaceous
 2 cup-shaped
 3 hemispherical
 4 bell-shaped
 5 cylindrical
 6 conical
 7 ovoid.

Form

- Color
 Gen. Char.
ROOT.
Form
 conical
 fusiform
 napiform
 ramose
 solvent
 fibrous
 fasciculate
 aereal

- Arrangement**
 On the Stem.
 1 scattered
 2 rosulate
 3 fasciculate
 4 opposite
 5 verticillate
 6 persistent
 7 deciduous
 8
 9
 10

- 1 free
 2 clasping
 3 membranous
 4 foliaceous
 5 spinous
 6 scabrous
Duration
 persistent
 deciduous
 fugacious
BRACTS
 Form
 a b c d
 Surface a b c

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

Gen. Char.

- STEM.**
 exogenous
 endogenous

- Gen. Char.**
 membranous
 foliaceous
 spinous
 scabrous
Duration
 persistent
 deciduous

- 1 free
 2 clasping
 3 membranous
 4 foliaceous
 5 spinous
 6 scabrous
Duration
 persistent
 deciduous
 fugacious
BRACTS
 Form
 a b c d
 Surface a b c

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

Nature

- herbaceous
 suffruticose
 fruticose
 arborecent
 arboreous

- Dir. of Growth**
 erect
 assurgent
 decumbent
 diffuse
 prostrate
 creeping
 climbing
 twining
 simple
 furcate
 excurrent
 racemose
 paniculate
 corymbose
 diffuse
 deliquescent

- 1 free
 2 clasping
 3 membranous
 4 foliaceous
 5 spinous
 6 scabrous
Duration
 persistent
 deciduous
 fugacious
BRACTS
 Form
 a b c d
 Surface a b c

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

Dir. of Growth

- erect
 assurgent
 decumbent
 diffuse
 prostrate
 creeping
 climbing
 twining
 simple
 furcate
 excurrent
 racemose
 paniculate
 corymbose
 diffuse
 deliquescent

- Texture**
 succulent
 cartaceous
 rugose

Venation.
 parallel.
 straight
 curved
 transverse
Metast.
 pinnate
 3-nerved
 5-nerved
 radiate

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

Branching

- simple
 furcate
 excurrent
 racemose
 paniculate
 corymbose
 diffuse
 deliquescent

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

Special Forms

- stolonis
 stolons
 offsets
 runners
 tendrils
 thorns

- Gen. Char.**
 terete
 striate
 grooved
 angled.
 solid

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

Gen. Char.

- terete
 striate
 grooved
 angled.
 solid

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

- 1 pediciform
 2 foliaceous
 3 spinous
 4 rigid
 5 chaffy.
Receptacle
 Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical
Diap.
 polygynous
 perigynous
 epigynous
Stipule
 naked
 smooth
 punctate
 alveolate
 bristly

FLOWER Kinds

.....chaffy Texture	.....versatile infrorse pendulous Form	.....included ensorted	.....<i>Surface, a. b. c.</i> Color
Calyx-Corolla	.....sepalis petalis Form	Flacoration	Con. Character
Gamopetalous	.....sepalis petalis a. b. c. d. spurred	.....free-central axillary parietal	.....ribbed furrowed
.....saucer-shaped cup-shaped cinnulate funnel-form tunnel-form turn-shaped top-shaped	.....sepalis petalis a. b. c. d. spurred	Ovules	SEED
.....tubular ligulate filabate saccate ringent personate spurred inbilat seccate	Aestivation	Kind	Number
Border	.....open yulvate reduplicate imblicate convolute plicate supervolvate	.....orthotropous campylotropous anatroous amphitropous	Form
.....trimate entire lobed parted	Stamens	Dir. in Ovary	Attachment
.....cleft parted	Position	.....erect ascending horizontal pendulous suspended	.....sessile filiculate
Pappus	Insertion	Number	Coats
.....cup awns bristles	.....opposite hygynous perigynous epigynous gynandrous on a disk epitactous	Kind	Surface, a. b. c.
Polycepal us	Length	Fleshy	Texture
Polyplepal us	.....long short	Stems	Embryo
.....filaceous cruciferous caryophyllaceous papilionaceous anomalous	Style	.....drupe	Form
Duration	Form	.....achyrium utricle samara follicle legume capsule silique silede	Strait
.....deciduous marcescent persistent	Position	.....terminal lateral basilar	beak
Color	Gen. Features	AGGREGTS	rolled
.....calyx corolla Surface	.....included exserted sessile connivent	Accessory	Size
.....calyx ribbed nerved corolla throat	Filament	Multiple	Position as to Albumen
Texture	Form	No. of Cells	outside
.....ribbed nerved corolla throat	.....capillary filiform	Odor	inside
	Surface, a. b. c.	Taste	Radicle
	Attacher	Pericarp	Direction
	.....limbate adnate	Texture	Length
	.....limbate adnate	.....membranous coriaceous succulent	Number
	.....limbate adnate		Position
	.....limbate adnate		Coriaceous
	.....limbate adnate		Form
	.....limbate adnate		Number
	.....limbate adnate		Texture

REMARKS:

ORDER: No.

Name, { SCIENTIFIC,
COMMON,

LOCALITY, DATE, 187

CHECK TABLET.

GENERAL FEATURES

Habit. terrestrial
aquatic
parasitic
aerial
annual
biennial
perennial

8 hollow
9 flexuose
10 gemiculate
11 tumid joint

Surface
12 b. c.
13 c

Color
14 white
15 green

Height
16 1-2
17 3-4
18 5-6
19 7-8
20 9-10

Underground
21 tuber
22 bulb
23 rhizome
24 root

Odor
25 none
26 aromatic
27 fetid
28 resinous
29 balsamic
30 mucilaginous
31 acrid
32 caustic
33 irritating
34 narcotic
35 emetic
36 vomititious
37 purgative
38 cathartic
39 emollient
40 astringent
41 styptic
42 styptic
43 styptic
44 styptic
45 styptic
46 styptic
47 styptic
48 styptic
49 styptic
50 styptic

Juice
49 acrid
50 caustic
51 irritating
52 narcotic
53 emetic
54 vomititious
55 purgative
56 cathartic
57 emollient
58 astringent
59 styptic
60 styptic
61 styptic
62 styptic
63 styptic
64 styptic
65 styptic
66 styptic
67 styptic
68 styptic
69 styptic
70 styptic

LEAVES.
71 sessile
72 petiole
73 cordate
74 ovate
75 elliptical
76 lanceolate
77 linear
78 orbiculate
79 reniform
80 cordate
81 ovate
82 elliptical
83 lanceolate
84 linear
85 orbiculate
86 reniform
87 cordate
88 ovate
89 elliptical
90 lanceolate
91 linear
92 orbiculate
93 reniform
94 cordate
95 ovate
96 elliptical
97 lanceolate
98 linear
99 orbiculate
100 reniform

Kinds
101 simple
102 compound
103 bipinnate
104 tripinnate
105 palmate
106 palmately lobed
107 palmately cleft
108 palmately 3-lobed
109 palmately 5-lobed
110 palmately 7-lobed
111 palmately 9-lobed
112 palmately 11-lobed
113 palmately 13-lobed
114 palmately 15-lobed
115 palmately 17-lobed
116 palmately 19-lobed
117 palmately 21-lobed
118 palmately 23-lobed
119 palmately 25-lobed
120 palmately 27-lobed

Form
121 simple
122 compound
123 bipinnate
124 tripinnate
125 palmate
126 palmately lobed
127 palmately cleft
128 palmately 3-lobed
129 palmately 5-lobed
130 palmately 7-lobed
131 palmately 9-lobed
132 palmately 11-lobed
133 palmately 13-lobed
134 palmately 15-lobed
135 palmately 17-lobed
136 palmately 19-lobed
137 palmately 21-lobed
138 palmately 23-lobed
139 palmately 25-lobed
140 palmately 27-lobed

ROOT.
141 conical
142 cylindrical
143 fusiform
144 napiform
145 rhizome
146 solvent
147 fibrous
148 fasciculate
149 aërial

Gen. Char.
150 conical
151 cylindrical
152 fusiform
153 napiform
154 rhizome
155 solvent
156 fibrous
157 fasciculate
158 aërial

STEM.
159 herbaceous
160 woody
161 scandent
162 suffruticose
163 fruticose
164 arborescent
165 arboreous

Dir. of Growth
166 erect
167 ascending
168 decumbent
169 prostrate
170 diffuse
171 creeping
172 climbing
173 twining
174 twining
175 simple
176 furcate
177 excurrent
178 racemose
179 paniculate
180 corymbose
181 diffuse
182 deliquescent

Special Forms
183 suckers
184 stolons
185 offsets
186 runners
187 tendrils
188 thorns
189 terete
190 striate
191 grooved
192 angled.
193 solid

Gen. Char.
194 suckers
195 stolons
196 offsets
197 runners
198 tendrils
199 thorns
200 terete
201 striate
202 grooved
203 angled.
204 solid

Gen. Char.
205 suckers
206 stolons
207 offsets
208 runners
209 tendrils
210 thorns
211 terete
212 striate
213 grooved
214 angled.
215 solid

Gen. Char.
216 suckers
217 stolons
218 offsets
219 runners
220 tendrils
221 thorns
222 terete
223 striate
224 grooved
225 angled.
226 solid

Gen. Char.
227 suckers
228 stolons
229 offsets
230 runners
231 tendrils
232 thorns
233 terete
234 striate
235 grooved
236 angled.
237 solid

Gen. Char.
238 suckers
239 stolons
240 offsets
241 runners
242 tendrils
243 thorns
244 terete
245 striate
246 grooved
247 angled.
248 solid

Gen. Char.
249 suckers
250 stolons
251 offsets
252 runners
253 tendrils
254 thorns
255 terete
256 striate
257 grooved
258 angled.
259 solid

Gen. Char.
260 suckers
261 stolons
262 offsets
263 runners
264 tendrils
265 thorns
266 terete
267 striate
268 grooved
269 angled.
270 solid

Gen. Char.
271 suckers
272 stolons
273 offsets
274 runners
275 tendrils
276 thorns
277 terete
278 striate
279 grooved
280 angled.
281 solid

Gen. Char.
282 suckers
283 stolons
284 offsets
285 runners
286 tendrils
287 thorns
288 terete
289 striate
290 grooved
291 angled.
292 solid

Gen. Char.
293 suckers
294 stolons
295 offsets
296 runners
297 tendrils
298 thorns
299 terete
300 striate
301 grooved
302 angled.
303 solid

Gen. Char.
304 suckers
305 stolons
306 offsets
307 runners
308 tendrils
309 thorns
310 terete
311 striate
312 grooved
313 angled.
314 solid

Gen. Char.
315 suckers
316 stolons
317 offsets
318 runners
319 tendrils
320 thorns
321 terete
322 striate
323 grooved
324 angled.
325 solid

Gen. Char.
326 suckers
327 stolons
328 offsets
329 runners
330 tendrils
331 thorns
332 terete
333 striate
334 grooved
335 angled.
336 solid

Gen. Char.
337 suckers
338 stolons
339 offsets
340 runners
341 tendrils
342 thorns
343 terete
344 striate
345 grooved
346 angled.
347 solid

Gen. Char.
348 suckers
349 stolons
350 offsets
351 runners
352 tendrils
353 thorns
354 terete
355 striate
356 grooved
357 angled.
358 solid

Gen. Char.
359 suckers
360 stolons
361 offsets
362 runners
363 tendrils
364 thorns
365 terete
366 striate
367 grooved
368 angled.
369 solid

Gen. Char.
370 suckers
371 stolons
372 offsets
373 runners
374 tendrils
375 thorns
376 terete
377 striate
378 grooved
379 angled.
380 solid

Gen. Char.
381 suckers
382 stolons
383 offsets
384 runners
385 tendrils
386 thorns
387 terete
388 striate
389 grooved
390 angled.
391 solid

Gen. Char.
392 suckers
393 stolons
394 offsets
395 runners
396 tendrils
397 thorns
398 terete
399 striate
400 grooved
401 angled.
402 solid

Gen. Char.
403 suckers
404 stolons
405 offsets
406 runners
407 tendrils
408 thorns
409 terete
410 striate
411 grooved
412 angled.
413 solid

Gen. Char.
414 suckers
415 stolons
416 offsets
417 runners
418 tendrils
419 thorns
420 terete
421 striate
422 grooved
423 angled.
424 solid

Gen. Char.
425 suckers
426 stolons
427 offsets
428 runners
429 tendrils
430 thorns
431 terete
432 striate
433 grooved
434 angled.
435 solid

Gen. Char.
436 suckers
437 stolons
438 offsets
439 runners
440 tendrils
441 thorns
442 terete
443 striate
444 grooved
445 angled.
446 solid

4 villous
5 silky
6 woody
7 velvety
8 scabrous
9 hispid
10 acetate
11 spinous
12 prickly

Stipules
13 free
14 adnate
15 clasping
16 character
17 membranous
18 foliaceous
19 spinous
20 S. Laticus

Duration
21 persistent
22 deciduous
23 fugacious

BRACTS
24 free
25 adnate
26 clasping
27 character
28 membranous
29 foliaceous
30 spinous
31 S. Laticus

Receptacle
32 free
33 adnate
34 clasping
35 character
36 membranous
37 foliaceous
38 spinous
39 S. Laticus

Terminal
40 free
41 adnate
42 clasping
43 character
44 membranous
45 foliaceous
46 spinous
47 S. Laticus

Axillary
48 free
49 adnate
50 clasping
51 character
52 membranous
53 foliaceous
54 spinous
55 S. Laticus

Flower
56 free
57 adnate
58 clasping
59 character
60 membranous
61 foliaceous
62 spinous
63 S. Laticus

Flower
64 free
65 adnate
66 clasping
67 character
68 membranous
69 foliaceous
70 spinous
71 S. Laticus

Flower
72 free
73 adnate
74 clasping
75 character
76 membranous
77 foliaceous
78 spinous
79 S. Laticus

Flower
80 free
81 adnate
82 clasping
83 character
84 membranous
85 foliaceous
86 spinous
87 S. Laticus

Flower
88 free
89 adnate
90 clasping
91 character
92 membranous
93 foliaceous
94 spinous
95 S. Laticus

Flower
96 free
97 adnate
98 clasping
99 character
100 membranous
101 foliaceous
102 spinous
103 S. Laticus

Flower
104 free
105 adnate
106 clasping
107 character
108 membranous
109 foliaceous
110 spinous
111 S. Laticus

Flower
112 free
113 adnate
114 clasping
115 character
116 membranous
117 foliaceous
118 spinous
119 S. Laticus

Flower
120 free
121 adnate
122 clasping
123 character
124 membranous
125 foliaceous
126 spinous
127 S. Laticus

Flower
128 free
129 adnate
130 clasping
131 character
132 membranous
133 foliaceous
134 spinous
135 S. Laticus

Flower
136 free
137 adnate
138 clasping
139 character
140 membranous
141 foliaceous
142 spinous
143 S. Laticus

Flower
144 free
145 adnate
146 clasping
147 character
148 membranous
149 foliaceous
150 spinous
151 S. Laticus

Flower
152 free
153 adnate
154 clasping
155 character
156 membranous
157 foliaceous
158 spinous
159 S. Laticus

Flower
160 free
161 adnate
162 clasping
163 character
164 membranous
165 foliaceous
166 spinous
167 S. Laticus

Flower
168 free
169 adnate
170 clasping
171 character
172 membranous
173 foliaceous
174 spinous
175 S. Laticus

Flower
176 free
177 adnate
178 clasping
179 character
180 membranous
181 foliaceous
182 spinous
183 S. Laticus

Flower
184 free
185 adnate
186 clasping
187 character
188 membranous
189 foliaceous
190 spinous
191 S. Laticus

Flower
192 free
193 adnate
194 clasping
195 character
196 membranous
197 foliaceous
198 spinous
199 S. Laticus

Flower
200 free
201 adnate
202 clasping
203 character
204 membranous
205 foliaceous
206 spinous
207 S. Laticus

Flower
208 free
209 adnate
210 clasping
211 character
212 membranous
213 foliaceous
214 spinous
215 S. Laticus

Flower
216 free
217 adnate
218 clasping
219 character
220 membranous
221 foliaceous
222 spinous
223 S. Laticus

Flower
224 free
225 adnate
226 clasping
227 character
228 membranous
229 foliaceous
230 spinous
231 S. Laticus

Flower
232 free
233 adnate
234 clasping
235 character
236 membranous
237 foliaceous
238 spinous
239 S. Laticus

Flower
240 free
241 adnate
242 clasping
243 character
244 membranous
245 foliaceous
246 spinous
247 S. Laticus

Flower
248 free
249 adnate
250 clasping
251 character
252 membranous
253 foliaceous
254 spinous
255 S. Laticus

Flower
256 free
257 adnate
258 clasping
259 character
260 membranous
261 foliaceous
262 spinous
263 S. Laticus

Flower
264 free
265 adnate
266 clasping
267 character
268 membranous
269 foliaceous
270 spinous
271 S. Laticus

Flower
272 free
273 adnate
274 clasping
275 character
276 membranous
277 foliaceous
278 spinous
279 S. Laticus

Flower
280 free
281 adnate
282 clasping
283 character
284 membranous
285 foliaceous
286 spinous
287 S. Laticus

Flower
288 free
289 adnate
290 clasping
291 character
292 membranous
293 foliaceous
294 spinous
295 S. Laticus

Flower
296 free
297 adnate
298 clasping
299 character
300 membranous
301 foliaceous
302 spinous
303 S. Laticus

CHECK TABLET.

GENERAL FEATURES

Habit. terrestrial
..... aquatic
..... parasitic
..... aerial

Duration annual
..... biennial
..... per-annal

Odor

Juice color
..... taste

ROOT.

Form conical
..... fusiform
..... napiform
..... rhizome
..... solvent
..... fibrous
..... fasciculate
..... acrial

Gen. Char.

STEM.
..... exogenous
..... endogenous

Nature herbaceous
..... suffruticose
..... subfruticose
..... fruticose
..... arborescent

Oil-of-Growth

erect
..... assurgent
..... decumbent
..... diffuse
..... prostrate
..... creeping
..... climbing
..... twining

Branching

simple
..... furcate
..... excurrent
..... racemose
..... paniculate
..... corymbose
..... diffuse

SpecialForms

suckers
..... stolons
..... offsets
..... runners
..... tendrils
..... thorns

Gen. Char.

terete
..... striate
..... grooved
..... angled
..... solid

..... hollow
..... flexuose
..... geniculate
..... tumid joint

Surface

..... bumpy
..... c

Color

..... ovate
..... cuneate

Height

..... sessile
..... pedicellate

Underground

..... fibrous
..... c

Kinds

..... sessile
..... pedicellate
..... sessipitate
..... exspitulate
..... equitant

Arrangement

On the stem.
..... cauline
..... radical
..... ramical

Along the Axis.

..... alternate,
..... scattered
..... rosulate
..... fasciculate
..... opposite
..... verticillate

Duration

..... persistent
..... deciduous
..... deciduous

Vernation

..... succulent
..... coriaceous
..... frugose
..... tomentose

Venation.

..... straight
..... curved
..... transverse

Netted.

..... pinnate
..... 3-nerved
..... 5-nerved
..... radiate

Form.

Compound.
..... palmate
..... foliate

Simple Leaves

Gen., *Outline*
..... fliform
..... acicular
..... acrose
..... subulate
..... linear
..... lanceolate
..... oblanceolate

..... spatulate
..... oblong
..... elliptical
..... oval
..... round

Surface

..... ovate
..... cuneate

Color

..... acuminate
..... acute
..... obtuse
..... truncate
..... retuse
..... emarginate
..... cordate
..... auriculate
..... hastate

Height

..... petiole
..... reniform
..... clasping
..... connate
..... decurrent

Along the Axis.

..... alternate,
..... scattered
..... rosulate
..... fasciculate
..... opposite
..... verticillate

Duration

..... persistent
..... deciduous
..... deciduous

Vernation

..... succulent
..... coriaceous
..... frugose
..... tomentose

Venation.

..... straight
..... curved
..... transverse

Netted.

..... pinnate
..... 3-nerved
..... 5-nerved
..... radiate

Form.

Compound.
..... palmate
..... foliate

Simple Leaves

Gen., *Outline*
..... fliform
..... acicular
..... acrose
..... subulate
..... linear
..... lanceolate
..... oblanceolate

..... villous
..... silky
..... woolly
..... velvety

Surface

..... scabrous
..... hispid
..... spinous
..... prickly

Color

..... acuminate
..... acute
..... obtuse
..... truncate
..... retuse
..... emarginate
..... cordate
..... auriculate
..... hastate

Height

..... petiole
..... reniform
..... clasping
..... connate
..... decurrent

Along the Axis.

..... alternate,
..... scattered
..... rosulate
..... fasciculate
..... opposite
..... verticillate

Duration

..... persistent
..... deciduous
..... deciduous

Vernation

..... succulent
..... coriaceous
..... frugose
..... tomentose

Venation.

..... straight
..... curved
..... transverse

Netted.

..... pinnate
..... 3-nerved
..... 5-nerved
..... radiate

Form.

Compound.
..... palmate
..... foliate

Simple Leaves

Gen., *Outline*
..... fliform
..... acicular
..... acrose
..... subulate
..... linear
..... lanceolate
..... oblanceolate

..... symmetrical
..... complete
..... perfect
..... regular
..... staminate
..... pistillate
..... neutral

Surface

..... scabrous
..... hispid
..... spinous
..... prickly

Color

..... acuminate
..... acute
..... obtuse
..... truncate
..... retuse
..... emarginate
..... cordate
..... auriculate
..... hastate

Height

..... petiole
..... reniform
..... clasping
..... connate
..... decurrent

Along the Axis.

..... alternate,
..... scattered
..... rosulate
..... fasciculate
..... opposite
..... verticillate

Duration

..... persistent
..... deciduous
..... deciduous

Vernation

..... succulent
..... coriaceous
..... frugose
..... tomentose

Venation.

..... straight
..... curved
..... transverse

Netted.

..... pinnate
..... 3-nerved
..... 5-nerved
..... radiate

Form.

Compound.
..... palmate
..... foliate

Simple Leaves

Gen., *Outline*
..... fliform
..... acicular
..... acrose
..... subulate
..... linear
..... lanceolate
..... oblanceolate

GENERAL FEATURES

Habit. terrestrial
..... aquatic
..... parasitic
..... aerial

Duration annual
..... biennial
..... per-annal

Odor

Juice color
..... taste

ROOT.

Form conical
..... fusiform
..... napiform
..... rhizome
..... solvent
..... fibrous
..... fasciculate
..... acrial

Gen. Char.

STEM.
..... exogenous
..... endogenous

Nature herbaceous
..... suffruticose
..... subfruticose
..... fruticose
..... arborescent

Oil-of-Growth

erect
..... assurgent
..... decumbent
..... diffuse
..... prostrate
..... creeping
..... climbing
..... twining

Branching

simple
..... furcate
..... excurrent
..... racemose
..... paniculate
..... corymbose
..... diffuse

SpecialForms

suckers
..... stolons
..... offsets
..... runners
..... tendrils
..... thorns

Gen. Char.

terete
..... striate
..... grooved
..... angled
..... solid

..... villous
..... silky
..... woolly
..... velvety

Surface

..... scabrous
..... hispid
..... spinous
..... prickly

Color

..... acuminate
..... acute
..... obtuse
..... truncate
..... retuse
..... emarginate
..... cordate
..... auriculate
..... hastate

Height

..... petiole
..... reniform
..... clasping
..... connate
..... decurrent

Along the Axis.

..... alternate,
..... scattered
..... rosulate
..... fasciculate
..... opposite
..... verticillate

Duration

..... persistent
..... deciduous
..... deciduous

Vernation

..... succulent
..... coriaceous
..... frugose
..... tomentose

Venation.

..... straight
..... curved
..... transverse

Netted.

..... pinnate
..... 3-nerved
..... 5-nerved
..... radiate

Form.

Compound.
..... palmate
..... foliate

Simple Leaves

Gen., *Outline*
..... fliform
..... acicular
..... acrose
..... subulate
..... linear
..... lanceolate
..... oblanceolate

..... symmetrical
..... complete
..... perfect
..... regular
..... staminate
..... pistillate
..... neutral

Surface

..... scabrous
..... hispid
..... spinous
..... prickly

Color

..... acuminate
..... acute
..... obtuse
..... truncate
..... retuse
..... emarginate
..... cordate
..... auriculate
..... hastate

Height

..... petiole
..... reniform
..... clasping
..... connate
..... decurrent

Along the Axis.

..... alternate,
..... scattered
..... rosulate
..... fasciculate
..... opposite
..... verticillate

Duration

..... persistent
..... deciduous
..... deciduous

Vernation

..... succulent
..... coriaceous
..... frugose
..... tomentose

Venation.

..... straight
..... curved
..... transverse

Netted.

..... pinnate
..... 3-nerved
..... 5-nerved
..... radiate

Form.

Compound.
..... palmate
..... foliate

Simple Leaves

Gen., *Outline*
..... fliform
..... acicular
..... acrose
..... subulate
..... linear
..... lanceolate
..... oblanceolate

GENERAL FEATURES

Habit. terrestrial
..... aquatic
..... parasitic
..... aerial

Duration annual
..... biennial
..... per-annal

Odor

Juice color
..... taste

ROOT.

Form conical
..... fusiform
..... napiform
..... rhizome
..... solvent
..... fibrous
..... fasciculate
..... acrial

Gen. Char.

STEM.
..... exogenous
..... endogenous

Nature herbaceous
..... suffruticose
..... subfruticose
..... fruticose
..... arborescent

Oil-of-Growth

erect
..... assurgent
..... decumbent
..... diffuse
..... prostrate
..... creeping
..... climbing
..... twining

Branching

simple
..... furcate
..... excurrent
..... racemose
..... paniculate
..... corymbose
..... diffuse

SpecialForms

suckers
..... stolons
..... offsets
..... runners
..... tendrils
..... thorns

Gen. Char.

terete
..... striate
..... grooved
..... angled
..... solid

..... villous
..... silky
..... woolly
..... velvety

Surface

..... scabrous
..... hispid
..... spinous
..... prickly

Color

..... acuminate
..... acute
..... obtuse
..... truncate
..... retuse
..... emarginate
..... cordate
..... auriculate
..... hastate

Height

..... petiole
..... reniform
..... clasping
..... connate
..... decurrent

Along the Axis.

..... alternate,
..... scattered
..... rosulate
..... fasciculate
..... opposite
..... verticillate

Duration

..... persistent
..... deciduous
..... deciduous

Vernation

..... succulent
..... coriaceous
..... frugose
..... tomentose

Venation.

..... straight
..... curved
..... transverse

Netted.

..... pinnate
..... 3-nerved
..... 5-nerved
..... radiate

Form.

Compound.
..... palmate
..... foliate

Simple Leaves

Gen., *Outline*
..... fliform
..... acicular
..... acrose
..... subulate
..... linear
..... lanceolate
..... oblanceolate

..... symmetrical
..... complete
..... perfect
..... regular
..... staminate
..... pistillate
..... neutral

Surface

..... scabrous
..... hispid
..... spinous
..... prickly

Color

..... acuminate
..... acute
..... obtuse
..... truncate
..... retuse
..... emarginate
..... cordate
..... auriculate
..... hastate

Height

..... petiole
..... reniform
..... clasping
..... connate
..... decurrent

Along the Axis.

..... alternate,
..... scattered
..... rosulate
..... fasciculate
..... opposite
..... verticillate

Duration

..... persistent
..... deciduous
..... deciduous

Vernation

..... succulent
..... coriaceous
..... frugose
..... tomentose

Venation.

..... straight
..... curved
..... transverse

Netted.

..... pinnate
..... 3-nerved
..... 5-nerved
..... radiate

Form.

Compound.
..... palmate
..... foliate

Simple Leaves

Gen., *Outline*
..... fliform
..... acicular
..... acrose
..... subulate
..... linear
..... lanceolate
..... oblanceolate

GENERAL FEATURES

Habit. terrestrial
..... aquatic
..... parasitic
..... aerial

Duration annual
..... biennial
..... per-annal

Odor

Juice color
..... taste

ROOT.

Form conical
..... fusiform
..... napiform
..... rhizome
..... solvent
..... fibrous
..... fasciculate
..... acrial

Gen. Char.

STEM.
..... exogenous
..... endogenous

Nature herbaceous
..... suffruticose
..... subfruticose
..... fruticose
..... arborescent

Oil-of-Growth

erect
..... assurgent
..... decumbent
..... diffuse
..... prostrate
..... creeping
..... climbing
..... twining

Branching

simple

chaffy Texture		versatile introrse extrorse pendulous form	included exserted	Color <i>a. b. c.</i>
Calyx-Corolla gamosepalous gamopetalous rotate saucer-shaped cup-shaped campanulate funnel-form salver-form tub-shaped top-shaped	sepalal, Petalal appressed spreading reflexed sepalal petalal Form sepalal a. b. c. d. spurred a. b. c. d. a. b. c. d.	versatile introrse extrorse pendulous form pedicellate awned coriolate lobed No. of Cells Dehiscence lateral Folien	Flaccidation free-central axillary funicular	Color Gen. Character grooved furrowed SEED Number
Aestivation open valvate induplicate reduplicate imbricate contorted convolute plicate supervolv.	sepalal, Petalal appressed spreading reflexed sepalal petalal Form sepalal a. b. c. d. spurred a. b. c. d. a. b. c. d.	versatile introrse extrorse pendulous form pedicellate awned coriolate lobed No. of Cells Dehiscence lateral Folien	Ovules Kind orthotropous campylotropous anatropous ovate amphitropous Dir. in Ovary	Color Gen. Character grooved furrowed SEED Number
Stamens Number epitela alternate opposite Insertion hypogynous epigynous synandrous epitelaous Length long short didymous tetradymous adelphous stingulous Gen. Features included sessile connivent Filament Form capillary filiform	sepalal, Petalal appressed spreading reflexed sepalal petalal Form sepalal a. b. c. d. spurred a. b. c. d. a. b. c. d.	versatile introrse extrorse pendulous form pedicellate awned coriolate lobed No. of Cells Dehiscence lateral Folien	Attachment sessile funiculate Coats Surface, <i>a. b. c.</i> Color Texture	Color Gen. Character grooved furrowed SEED Number
Bract Number trinate entire lobed clefled parted Frayed cup awns bristles	sepalal, Petalal appressed spreading reflexed sepalal petalal Form sepalal a. b. c. d. spurred a. b. c. d. a. b. c. d.	versatile introrse extrorse pendulous form pedicellate awned coriolate lobed No. of Cells Dehiscence lateral Folien	Embryo Form straight bent rolled	Color Gen. Character grooved furrowed SEED Number
Polygal us Polypetalous rosaceous filaceous cruciferous caryophyllaceous papilionaceous anomalous Duration deciduous marcescent persistent Color calyx corolla Surface calyx ribbed nerved corolla throat	sepalal, Petalal appressed spreading reflexed sepalal petalal Form sepalal a. b. c. d. spurred a. b. c. d. a. b. c. d.	versatile introrse extrorse pendulous form pedicellate awned coriolate lobed No. of Cells Dehiscence lateral Folien	Albumen quantity Texture Color	Color Gen. Character grooved furrowed SEED Number
Texture	sepalal, Petalal appressed spreading reflexed sepalal petalal Form sepalal a. b. c. d. spurred a. b. c. d. a. b. c. d.	versatile introrse extrorse pendulous form pedicellate awned coriolate lobed No. of Cells Dehiscence lateral Folien	Pericarp Texture membranous coriaceous sarculent	Color Gen. Character grooved furrowed SEED Number

REMARKS:

ORDER: SCIENTIFIC,
Name, { COMMON,
LOCALITY,

No. 187
DATE,

CHECK TABLE.

GENERAL FEATURES.

- Habit.** terrestrial
 aquatic
 aerial
Duration annual
 biennial
 perennial

Odor.

Juice.

- Color
 Taste
 Gen. Char.

ROOT.

- Form** conical
 fusiform
 napiform
 ramose
 solvent
 fibrous
 fasciculate
 aereal

Gen. Char.

STEM.

- exogenous
 endogenous

Nature

- herbaceous
 suffruticose
 fruticose
 arborescent

Dir. of Growth

- erect
 decumbent
 diffuse

Venation.

- straight
 curved
 transverse

Branching

- simple
 furcate
 excurrent
 racemose
 paniculate
 corvumose
 diffuse

Special Forms

- stalkers
 stolons
 runners
 tendrils
 thorns

Gen. Char.

- terete
 grooved
 angled
 solid

- hollow
 flexuose
 glandular
 tumid joint
 d.

Surface

-

Color

- obovate
 cuculate

Underground

-

LEAVES.

- Kinds** sessile
 petiolate
 stipulate
 cespitate
 equitant

Arrangement

- On the Stem.
 cauline
 radical

Along the Axis.

- alternate,
 scattered
 fasciculate
 opposite
 verticillate

Duration

- persistent
 deciduous

Vernation

-

Texture

- succulent
 coriaceous

Venation.

-

Method

-

Form.

-

Compound.

-

Simple, Leathery

-

Gen. Outline

-

Gen. Char.

-

- villous
 silky
 woolly
 velvety

Leaf Hairs

-

Odor

-

Plan

-

Stalk

-

Length.

-

Kind

-

Surface

-

Stipules

-

Adhesion

-

Gen. Character

-

Duration

-

BRACTS

-

Gen. Character

-

Terminal

-

Axillary

-

FLOWER.

-

- symmetrical
 complete
 perfect
 regular
 staminate
 neutral

Form

-

Length.

-

Kind

-

Surface

-

Involute

-

Form

-

No. of Voles

-

Direction.

-

Form

-

Surface

-

Texture

-

INFLUENCE RECEPTACLE

-

Form

-

Disk

-

Surface

-

Form

-

CHECK TABLE.

GENERAL FEATURES.	hollow	8	spatulate	4	villous	.....	symmetrical
Habit.	decussate	9	oblong	5	shiny	.....	complete
.....	geminate	10	elliptical	6	wooly	.....	perfect
.....	limbid joint	11	oval	7	velvety	.....	rigid
Surface	Surface	12	round	8	Stiff Hairs	.....	staminate
.....	a. b. c.	13	ovate	5	scabrous	.....	plumbeous
Color	Color	14	obovate	2	hispid	.....	neutral
Height	Height	15	concate	3	spinous	.....	Odor
Underground	Underground	16	<i>Bases</i>	3	prickly	.....	Plan
.....	corn	b	acuminate	5	.....	.....	.....
.....	rhizomat	1	acute	2	.....	.....	.....
.....	rhiz	2	obtuse	3	Petiole	.....	Stalk
LEAVES.	LEAVES.	3	truncate	4	Form	.....	Ediculate
Kind	Kind	4	retuse	5	grooved	.....	Surface
.....	sessile	5	emarginate	6	compressed	.....	a. b. c.
.....	p. crotolate	6	cordate	7	leaf-like	.....	Pedice
.....	stipulate	7	auriculate	8	Kind	.....	Length
.....	exstipulate	8	sagittate	9	margined	.....	Scapo
.....	equitant	9	hastate	10	sheathing	.....	Involucre
.....	Arrangement	10	pedate	11	.....	.....	Form
On the Stem.	On the Stem.	11	reniform	12	.....	.....	.....
.....	cauline	12	claspig	13	.....	.....	.....
.....	radical	13	comate	14	.....	.....	.....
Along the Axis.	Along the Axis.	14	decurrent	15	.....	.....	.....
.....	alternate.	15	.....	16	.....	.....	.....
.....	scattered.	c	<i>Apex</i>	1	.....	.....	.....
.....	.....	1	acuminate	2	.....	.....	.....
.....	.....	2	acute	3	.....	.....	.....
.....	.....	3	obtusate	4	Gen. Character	.....	No. of veins.
.....	.....	4	truncate	5	membranous	.....	.....
Duration	Duration	5	retuse	6	foliaceous	.....	Number.
.....	persistent	6	emarginate	7	spinous	.....	Direction.
.....	deciduous	7	obcordate	8	.....	.....	.....
Vernation	Vernation	8	macronate	9	.....	.....	.....
.....	.....	9	.....	10	.....	.....	.....
Texture	Texture	d	<i>Margins</i>	1	.....	.....	.....
.....	.....	1	revolute.	2	.....	.....	.....
.....	.....	2	entire	3	.....	.....	.....
.....	.....	3	serrate	4	.....	.....	.....
Venation.	Venation.	4	dentate	5	.....	.....	.....
.....	.....	5	.....	6	.....	.....	.....
.....	.....	6	repand	7	.....	.....	.....
.....	.....	7	sinuate	8	.....	.....	.....
.....	.....	8	incised	9	.....	.....	.....
.....	.....	9	fringed	10	.....	.....	.....
Noted.	Noted.	10	chiliate	11	.....	.....	.....
.....	.....	11	serrulate	12	.....	.....	.....
.....	.....	12	lobed	13	.....	.....	.....
.....	.....	13	cleft	14	.....	.....	.....
.....	.....	14	parted	15	.....	.....	.....
.....	.....	15	perimate	16	.....	.....	.....
Form.	Form.	16	lyrate	17	.....	.....	.....
.....	.....	17	undulate	18	.....	.....	.....
.....	.....	18	divided	19	.....	.....	.....
Special Forms	Special Forms	a	<i>No Hairs</i>	1	.....	.....	.....
.....	.....	1	.....	2	.....	.....	.....
.....	.....	2	glabrous	3	.....	.....	.....
.....	.....	3	punctate	4	.....	.....	.....
.....	.....	4	verrucose	5	.....	.....	.....
Gen. Char.	Gen. Char.	5	Soft Hairs	1	.....	.....	.....
.....	.....	1	.....	2	.....	.....	.....
.....	.....	2	pubescent	3	.....	.....	.....
.....	.....	3	.....	4	.....	.....	.....
.....	.....	4	.....	5	.....	.....	.....
.....	.....	5	.....	6	.....	.....	.....
.....	.....	6	.....	7	.....	.....	.....
.....	.....	7	.....	8	.....	.....	.....
.....	.....	8	.....	9	.....	.....	.....
.....	.....	9	.....	10	.....	.....	.....
.....	.....	10	.....	11	.....	.....	.....
.....	.....	11	.....	12	.....	.....	.....
.....	.....	12	.....	13	.....	.....	.....
.....	.....	13	.....	14	.....	.....	.....
.....	.....	14	.....	15	.....	.....	.....
.....	.....	15	.....	16	.....	.....	.....
.....	.....	16	.....	17	.....	.....	.....
.....	.....	17	.....	18	.....	.....	.....
.....	.....	18	.....	19	.....	.....	.....
.....	.....	19	.....	20	.....	.....	.....
.....	.....	20	.....	21	.....	.....	.....
.....	.....	21	.....	22	.....	.....	.....
.....	.....	22	.....	23	.....	.....	.....
.....	.....	23	.....	24	.....	.....	.....
.....	.....	24	.....	25	.....	.....	.....
.....	.....	25	.....	26	.....	.....	.....
.....	.....	26	.....	27	.....	.....	.....
.....	.....	27	.....	28	.....	.....	.....
.....	.....	28	.....	29	.....	.....	.....
.....	.....	29	.....	30	.....	.....	.....
.....	.....	30	.....	31	.....	.....	.....
.....	.....	31	.....	32	.....	.....	.....
.....	.....	32	.....	33	.....	.....	.....
.....	.....	33	.....	34	.....	.....	.....
.....	.....	34	.....	35	.....	.....	.....
.....	.....	35	.....	36	.....	.....	.....
.....	.....	36	.....	37	.....	.....	.....
.....	.....	37	.....	38	.....	.....	.....
.....	.....	38	.....	39	.....	.....	.....
.....	.....	39	.....	40	.....	.....	.....
.....	.....	40	.....	41	.....	.....	.....
.....	.....	41	.....	42	.....	.....	.....
.....	.....	42	.....	43	.....	.....	.....
.....	.....	43	.....	44	.....	.....	.....
.....	.....	44	.....	45	.....	.....	.....
.....	.....	45	.....	46	.....	.....	.....
.....	.....	46	.....	47	.....	.....	.....
.....	.....	47	.....	48	.....	.....	.....
.....	.....	48	.....	49	.....	.....	.....
.....	.....	49	.....	50	.....	.....	.....
.....	.....	50	.....	51	.....	.....	.....
.....	.....	51	.....	52	.....	.....	.....
.....	.....	52	.....	53	.....	.....	.....
.....	.....	53	.....	54	.....	.....	.....
.....	.....	54	.....	55	.....	.....	.....
.....	.....	55	.....	56	.....	.....	.....
.....	.....	56	.....	57	.....	.....	.....
.....	.....	57	.....	58	.....	.....	.....
.....	.....	58	.....	59	.....	.....	.....
.....	.....	59	.....	60	.....	.....	.....
.....	.....	60	.....	61	.....	.....	.....
.....	.....	61	.....	62	.....	.....	.....
.....	.....	62	.....	63	.....	.....	.....
.....	.....	63	.....	64	.....	.....	.....
.....	.....	64	.....	65	.....	.....	.....
.....	.....	65	.....	66	.....	.....	.....
.....	.....	66	.....	67	.....	.....	.....
.....	.....	67	.....	68	.....	.....	.....
.....	.....	68	.....	69	.....	.....	.....
.....	.....	69	.....	70	.....	.....	.....
.....	.....	70	.....	71	.....	.....	.....
.....	.....	71	.....	72	.....	.....	.....
.....	.....	72	.....	73	.....	.....	.....
.....	.....	73	.....	74	.....	.....	.....
.....	.....	74	.....	75	.....	.....	.....
.....	.....	75	.....	76	.....	.....	.....
.....	.....	76	.....	77	.....	.....	.....
.....	.....	77	.....	78	.....	.....	.....
.....	.....	78	.....	79	.....	.....	.....
.....	.....	79	.....	80	.....	.....	.....
.....	.....	80	.....	81	.....	.....	.....
.....	.....	81	.....	82	.....	.....	.....
.....	.....	82	.....	83	.....	.....	.....
.....	.....	83	.....	84	.....	.....	.....
.....	.....	84	.....	85	.....	.....	.....
.....	.....	85	.....	86	.....	.....	.....
.....	.....	86	.....	87	.....	.....	.....
.....	.....	87	.....	88	.....	.....	.....
.....	.....	88	.....	89	.....	.....	.....
.....	.....	89	.....	90	.....	.....	.....
.....	.....	90	.....	91	.....	.....	.....
.....	.....	91	.....	92	.....	.....	.....
.....	.....	92	.....	93	.....	.....	.....
.....	.....	93	.....	94	.....	.....	.....
.....	.....	94	.....	95	.....	.....	.....
.....	.....	95	.....	96	.....	.....	.....
.....	.....	96	.....	97	.....	.....	.....
.....	.....	97	.....	98	.....	.....	.....
.....	.....	98	.....	99	.....	.....	.....
.....	.....	99	.....	100	.....	.....	.....

classify Texture	Sepals, Petals spreading reflexed sepals petals Form saucer-shaped cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped tubular ligulate labiate gamete ringent personate spurred imbricated Saccate	versatile introrse extrorse pendulous Form sagittate twisted cordate <i>lobed</i> No. of Cells Delicence lateral Pollen Pollinia Pistil Kinds closed open Oclusion simple multiple compound Number Stigma Position terminal lateral sessile Form discoid globose lobed filiform linear Style Fern filiform branched declinate Position terminal lateral basilar Number Surface, a. b. c. Ovary Acheion superior half-superior inferior No. of Cells Form Surface, a. b. c. Gen. Features	included exserted Eiacentation free-central paritid Ovules Kind orthotropous campylotropous anatropous axile amphitropous erect ascending horizontal pendulous suspended Number FRUIT Dehiscence septicidal loculicidal septifragal circumscissile Kinds Feasy berry pepo pome Stone drupe Dry achenium utricle samara follicle legume capsule silicle silicle pyxis Aggregate Accessory Multiple No. of Cells Odor Taste Pericarp Texture membranous coriaceous succulent	Surface, a. b. c. Color Gen. Character ribbed furrowed SEED Number oblong ovoid Attachment sessile funiculate Coats Surface, a. b. c. Color Texture Appendages aril caruncle strophiole wing coma Albumen quantity Texture Color Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle Direction Length Plumule Number Position Copulecons Form Size Number Texture
---------------------	---	---	---	--

REMARKS:

ORDER:

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE,

No.

chafy Texture	capillary spreading reflexed	versatile introrse extrorse pendulous	included ex-cluded	Surface, a. b. c.
Calyx. Corolla	sepal, petals Form	sessile petalate valvate No. of Cells Dehiscence lateral	Flabescence Kind	Color Character ribbed grooved furrowed
gamopetalous rotate	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
saucer-shaped cup-shaped campanulate funnel-form silver-form urn-shaped top-shaped	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
tubular ligulate bilabiate gibbete ringent perispermate spurred inflated saccate	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Barter	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
truncate entire lobed cleft parted	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Papay	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
cup scales awns bristles	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Polysepal us	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Polypetalous rosaceous hilaceous cruciferous caryophyllaceous papilionaceous anomalous	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Duration	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
deciduous marcescent persistent	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Color	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
calyx corolla	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Surface	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
calyx ribbed nerved corolla throat	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Texture	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
membranous coriaceous succulent	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Embryo	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Form straight bent rolled	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Position as to Albumen	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
outside inside	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Radicle	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Direction	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Length	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Fluoride	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Position	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Number	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Aggregate	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Accessory	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Multiple	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
No. of Cells	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Odor	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Taste	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Pericarp	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
membranous coriaceous succulent	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Texture	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Surface, a. b. c.	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number
Gen. Features	sepal, petals Form	sagittate petalate valvate No. of Cells Dehiscence lateral	Ovules Kind	SEED Number

REMARKS: _____

ORDER: _____

Name, { SCIENTIFIC, _____

{ COMMON, _____

LOCALITY, _____

DATE, _____

No. _____

187

..... chafly Texture	Sepals, Petals appressed spreading red-veined scaly pedicel Form a. b. c. d. e. spurred petals a. b. c. d. e.	..... versatile introrse extrorse pendulous Form sagittate pedate rounded cordate lobed <i>No. of Cells</i> , Deltoicose lateral Fellen Follinla	..... included circscit Placentation free-central axillary parietal	..... Surface, <i>a. b. c.</i> Color Con. Character ribbed grooved furrowed
Calyx. Corolla Gamopetalous Gamopetalous rotate saucer-shaped cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped tubular ligulate lobate galeate ringent personate spurred inflated succate	Aestivation open valvate induplicate repuplicate imbricate contorted convolute plicate supero. l.	..... No. of Cells lateral Fellen Follinla Pistil Kinds open Cohesion simple multiple compound	Ovules Kind orthotropous campylotropous anatropous amphitropous <i>Dir. in Ovary</i> erect ascending horizontal pendulous suspended	SEED Number oblong ovoid ovate ovoid Attachment sessile funiculate
Border truncate entire lobed cleft parted Pappus cap scales awns bristles	Stamens position alternate opposite Innervation heterogynous polygynous epigynous gynandrous on a disk epipetalous long short Length didynamous tetradynamous Cohesion adelphous synergous Gen. Features included exserted sessile connivent	Number Sigma Position terminal lateral sessile Form discoid globose lobed filiform linear Style Form filiform brachiate declinate Position terminal lateral basilar Number <i>Surface, a. b. c.</i> Ovary superior half-superior inferior No. of Cells Form <i>Surface, a. b. c.</i> Gen. Features	Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle <i>Direction</i> Length Female Number Position Cotyledons Form	Albument quantity Texture Color Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle <i>Direction</i> Length Female Number Position Cotyledons Form
Polysepal us Polypetalous rosaceous biaccous cruciferous curcophyllaceous papilionaceous anomalous Duration deciduous marcescent Color calyx corolla Surface calyx ribbed nerved corolla throat	Stamens position alternate opposite Innervation heterogynous polygynous epigynous gynandrous on a disk epipetalous long short Length didynamous tetradynamous Cohesion adelphous synergous Gen. Features included exserted sessile connivent Flament Form capillary filiform <i>Surface, a. b. c. d. e.</i> Number Attachment imbricate adnate	Number Sigma Position terminal lateral sessile Form discoid globose lobed filiform linear Style Form filiform brachiate declinate Position terminal lateral basilar Number <i>Surface, a. b. c.</i> Ovary superior half-superior inferior No. of Cells Form <i>Surface, a. b. c.</i> Gen. Features	Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle <i>Direction</i> Length Female Number Position Cotyledons Form	Albument quantity Texture Color Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle <i>Direction</i> Length Female Number Position Cotyledons Form
Texture	Gen. Features	Gen. Features	Gen. Features	Gen. Features

REMARKS :

ORDER :

Name, } SCIENTIFIC,

} COMMON,

LOCALITY,

DATE,

187.

No.

CHECK TABLE.

GENERAL FEATURES.

- Habit. terrestrial
 aquatic
 parasitic
 aerial
 Duration annual
 biennial
 perennial

- Odor
 Juice
 Color
 Taste
 Gen. Char.

- ROOT.**
 Form conical
 fusiform
 napiform
 ramose
 solvent
 fibrous
 fasciculate
 acrial

- Gen. Char.**
STEM.
 exogenous
 endogenous
 Nature herbaceous
 suffruticose
 suffruticose
 fruticose
 arborescent
 arborescent

- Dir. of Growth**
 erect
 assurgent
 decumbent
 prostrate
 creeping
 climbing
 twining

- Branching**
 simple
 furcate
 excurrent
 racemose
 paniculate
 corymbose
 ditense

- Special Forms**
 suckers
 stolons
 offsets
 runners
 tendrils
 thorns

- Gen. Char.**
 terete
 striate
 grooved
 angled
 solid

- 8 spatulate
 9 oblong
 10 elliptical
 11 oval
 12 round
 13 obovate
 14 emarginate
 15

- Surface**
 D.
 C
Color.
Height.
Underground
 rhizomat

- LEAVES.**
Kinds
 sessile
 petiole
 stipulate
 exstipulate
 equitant
Arrangement
On the Stem.
 cauline
 radical
 decurrent
Along the Axis.—
 alternate,
 scattered
 rosulate
 fasciculate
 opposite
 verticillate
Duration
 persistent
 deciduous

- Vernation**
Texture
 adaculent
 rugose

Venation.
 straight
 curved
 transverse
Netted.
 pinnate
 3-nerved
 5-nerved
 radiate

- Form.**
Compound.
 pinnate
 palmate
 foliate
a
Simple, Leaves
Gen. Outline
 1 filiform
 2 acicular
 3 acrosc
 4 subulate
 5 linear
 6 lanceolate
 7 oblanceolate

- 1 villous
 2 silky
 3 woolly
 4 velvety
 5 regular
 6 stellate
 7 pinnulate
 8 lobate

- Stiff Hairs**
 1 scabrous
 2 hispid
 3 spinous
 4 prickly
Petiole
Form
 terete
 grooved
 compressed
 leaf-like
Kind
 margined
 clasping
 sheathing

- Surface.** *a, b, c, d.*
Length.
Kind
 marginated
 clasping
 sheathing
Surface. *a, b, c, d.*
Length.
Kind
 rosaceous
 cup-shaped
 hemispherical
 bell-shaped
 cylindrical
 conical
 ovoid.

- Gen. Character**
 No. of ribs
 Membranous
 foliaceous
 spinous
 s.d. acuous
Duration
 persistent
 deciduous
 ligulatus
BRACTS
Form
 *a, b, c, d.*
Surface. *a, b, c, d.*
Gen. Character
 foliaceous
 petalaceous
 membranous
 spinous
Duration
 persistent
 deciduous

- Form.** *a, b, c, d.*
Surface. *a, b, c, d.*
Gen. Character
 petalaceous
 membranous
 spinous
Form. *a, b, c, d.*
Surface. *a, b, c, d.*
Gen. Character
 hemispherical
 conical
 cylindrical
 ovoid

- Axillary**
Form
 solitary
 corymb
 raceme
 umbel
 panicte
 thyrsus
 spike
 spadix
 catkin
 head
FLOWER.
Kinds
 pubescent

chaffy Texture	Sepals, Petals spreading reflexed	versatile introrse extrorse pendulous Form sessile pedate awned ovoid obovate obcordate	included conspicuous sessile axillary perianth artical	Surface, <i>a. b. c.</i> Color Gen. Character ribbed furrowed
Calyx. Corolla gamopetalous clamorgamous rotate	sepals petals Form <i>a. b. c. d.</i> spurred petals <i>a. b. c. d.</i>	sessile pedate awned ovoid obovate obcordate	sessile axillary perianth artical	SEED Number Form oblong obovate ovoid
saucer-shaped cup-shaped campanulate funnel-form silver-form urn-shaped top-shaped tubular ligulate lobate gibbate ringent personate spurred inflated saccate	Aestivation open valvate induplicate recluplicate imbricate contorted convolute plicate superior Number Stigma Position terminal lateral sessile Form distoid obovate lobed filiform linear Style Form filiform branched decimate Position terminal lateral basilar Number Stigma Adhesion superior half-superior inferior No. of Cells Form Surface, <i>a. b. c.</i> Gen. Features	sessile pedate awned ovoid obovate obcordate	sessile axillary perianth artical	Attachment sessile funiculate Coats Surface, <i>a. b. c.</i> Color Texture
Borbor truncate entire lobed cleit parted Pappus cup scabrous awn bristles	Stamens Number Position altermate opposite Insertion hypo-gynous perigynous epigynous gyranthous on a disk epipetalous Length long short divaricant divaricant Cohesion adnate Gen. Features included assorted sessile comitant Filament Form capillary filiform nerved Surface, <i>a. b. c.</i> Anther Attachment imbricate adnate	sessile pedate awned ovoid obovate obcordate	sessile axillary perianth artical	Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle Direction Length Plumule Number Position Cotyledons Form Size Number Texture
Polysepal us Polypetalous rosaceous littoreous cruciferous curculigerous papi-tonaceous anemoneous	Stamens Number Position altermate opposite Insertion hypo-gynous perigynous epigynous gyranthous on a disk epipetalous Length long short divaricant divaricant Cohesion adnate Gen. Features included assorted sessile comitant Filament Form capillary filiform nerved Surface, <i>a. b. c.</i> Anther Attachment imbricate adnate	sessile pedate awned ovoid obovate obcordate	sessile axillary perianth artical	Appendages anther caruncle strophole coma Albumen quantity Texture Color Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle Direction Length Plumule Number Position Cotyledons Form Size Number Texture

REMARKS:

ORDER:

SCIENTIFIC,

COMMON,

LOCALITY,

No.

DATE,

187.

..... chaffy Texture	..... chaffy Texture	..... sessile spreading reflexed	..... versatile introrse pendulous	..... included exerted	..... Surface, <i>a. b. c.</i>
Calyx. Corolla campanulate gamopetalous rotate	Sepals, Petals appressed spreading reflexed	Form sepals petals a. b. c. d. spurred petals a. b. c. d.	Form sagittate peltate cordate <i>trilobed</i>	Placentation free-central axillary parietal	Color ribbed grooved furrowed
..... saucer-shaped cup-shaped campanulate funnel-form silver-form urn-shaped top-shaped tubular ligulate labiate galeate fringed perianate spurred inflated sacrate	Stamens Number Position alternate opposite Insertion hypogynous perigynous epigynous gynandrium on a disk epipetalous	Kind closed open simple multiple compound	Ovules Kind anatropous campylotropous anatropous ovate ovoid	SEED Number Form	Gen. Character sessile oblong ovoid
Border truncate entire lobed cleft parted Pappus cup scales awns bristles	Stamens Number Position alternate opposite Insertion hypogynous perigynous epigynous gynandrium on a disk epipetalous	Kind closed open simple multiple compound	SEED Number Form	SEED Number Form	Gen. Character sessile oblong ovoid
Polypetal us rosaceous bilabiate cruciferous curcophyllaceous papilionaceous anomalous	Stamens Number Position alternate opposite Insertion hypogynous perigynous epigynous gynandrium on a disk epipetalous	Kind closed open simple multiple compound	SEED Number Form	SEED Number Form	Gen. Character sessile oblong ovoid
Duration deciduous marcescent persistent Color calyx corolla Sarcocoe calyx ribbed nerved corolla throat	Stamens Number Position alternate opposite Insertion hypogynous perigynous epigynous gynandrium on a disk epipetalous	Kind closed open simple multiple compound	SEED Number Form	SEED Number Form	Gen. Character sessile oblong ovoid
Texture	Stamens Number Position alternate opposite Insertion hypogynous perigynous epigynous gynandrium on a disk epipetalous	Kind closed open simple multiple compound	SEED Number Form	SEED Number Form	Gen. Character sessile oblong ovoid
REMARKS:	Stamens Number Position alternate opposite Insertion hypogynous perigynous epigynous gynandrium on a disk epipetalous	Kind closed open simple multiple compound	SEED Number Form	SEED Number Form	Gen. Character sessile oblong ovoid

REMARKS:

ORDER:

SCIENTIFIC,

COMMON,

LOCALITY,

No.

DATE,

187

chaffy Texture		versatile introrse extrorse pendulous Form sessitate twined coriolate <i>inflexed</i> <i>No. of Cells</i> <i>Dehiscence</i> lateral Fellen	included emsceted	Surface, a, b, c, d
Calyx. Corolla campanulate globose rotate		sessile petals Form a, b, c, d spurred petals a, b, c, d	Flaccidation free central axillary lateral	Gen. Character ribbed grooved furrowed
saucer-shaped cup-shaped campanulate funnel-form silver-form urn-shaped top-shaped tubular ligulate lobate globose ringent personate spurred inflated saccate	Aestivation open valvate induplicate reduplicate imbricate contorted convolute plicata supervo, 1	closed open simple multiple compound <i>Number</i> Stigma Position terminal lateral sessile	SEED Number Form oblong obovate ovoid	
Border truncate entire lobed cleft parted Pappus cap scales awns bristles	Stamens <i>Number</i> Position alternate opposite Insertion hypogynous perigynous epigynous gyrate on a disk epipetalous	Form discoid globose lobed filiform linear <i>Style</i> <i>Form</i> filiform branching declinate Position terminal lateral basilar <i>Number</i> <i>Surface</i> , a, b, c, d, e Ovary Adhesion superior half-superior inferior <i>No. of Cells</i> Form <i>Surface</i> , a, b, c	Attachment sessile funiculate	Coats <i>Surface</i> , a, b, c, d
Polysepal us Polypetalous rosaceous filiceous cruciferous curryphyllaceous papi-ionaceous anomalous	Length long short didynamous tetradynamous Cohesion adelphous sympetalous		Dehiscence septicidal scitridgical circumscissile	Appendages aril caruncle strophiole wing coma
deciduous murescent persistent Color calyx corolla Surface calyx ribbed nerved corolla throat	Gen. Features included sessile connivent Filament <i>Form</i> capillary filiform <i>Surface</i> , a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100		Albumen quantity Texture Color	Embryo <i>Form</i> straight bent rolled Size Position as to Albumen outside inside Radicle Direction Length Plumule <i>Number</i> <i>Position</i> Cotyledons <i>Form</i> Size <i>Number</i> Texture
Texture	Attachment innate admate	Gen. Features a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	Membranes coriaceous succulent	

REMARKS:

ORDER: _____ No. _____

Name, { SCIENTIFIC,

LOCALITY, { COMMON,

DATE, _____

187

CHECK TABLE.

GENERAL FEATURES.

Habit. terrestrial
 aquatic
 parasitic
 aerial
 annual
 biennial
 perennial

Odor

Color
 Taste.
 Gen. Char.

ROOT.

Form
 conical
 fusiform
 napiform
 ramose
 solvent
 fibrous
 fasciculate
 aerial

Gen. Char.

STEM.

nature
 exogenous
 endogenous
 herbaceous
 suffruticose
 fruticose
 arborescent
 arbores

Dir. of Growth

erect
 ascending
 decumbent
 diffuse
 prostrate
 creeping
 climbing
 twining

Branching

simple
 simple
 alternate
 excurrent
 racemose
 paniculate
 corymbose
 diffuse

Special Forms

suckers
 stolons
 offsets
 runners
 tendrils
 thorns

Gen. Char.

terete
 striate
 grooved
 angled
 solid

flow
 geniculate
 tumid joint
 oval

Surface

reticulate
 b. c

Color

Height

Underground

rhizomat
 corn
 tuber

LEAVES.

Kinds

sessile
 petiolate
 stipulate
 cordate
 exstipulate
 equitant

Arrangement

On the Stem.
 cauline
 radical
 ramal

Along the Axis.

alternate,
 scattered,
 rosulate

Duration

perennial
 deciduous

Vernation

subcylindrical
 rugose

Texture

glabrous
 tomentose

Venation.

straight
 curved
 transverse

Netted.

pinnate
 3-nerved
 5-nerved
 radiate

Form.

pinnate
 palmate
 foliate

Simple, Leaflets

Gen. Outline
 1 filiform
 2 acicular
 3 acerose
 4 subulate
 5 linear
 6 lanceolate
 7 oblanceolate

4 villous
 5 silky
 6 woolly
 7 velvety
 8

Stiff Hairs

1 scabrous
 2 hispid
 3 scabrous
 4 prickly

Petiole

Form
 grooved
 terete

Kind

margined
 clasping
 sheathing
 leaf-like

Surface

a. b. c. d.

Stipules

Form
 Adhesion
 free

Gen. Character

membranous
 foliaceous
 spinous
 sclerous

Duration

persistent
 deciduous
 fugacious

BRACTS

Form
 a b c d

Gen. Character

membranous
 foliaceous
 spinous
 sclerous

Duration

persistent
 deciduous
 fugacious

Scale

No. of scales

Number

Direction.

erect
 spreading
 reflexed

Form

a. b. c. d.

Surface

reticulate
 foliaceous
 scabrous
 spinous

Terminal

solitary
 cyme
 fascicle
 glomerate
 verticillaster

Axillary

solitary
 raceme
 corymb
 umbel
 panicle
 thyrsus
 spike
 spadix
 carkin
 head

FLOWER.

Kinds

symmetrical
 complete
 perfect
 regular
 stimulate
 neutral

Odor

microns
 fetid

Plan

reticulate
 a. b. c.

Length

pedicel
 Length

Height

Surface a. b. c.

Involute

Form
 rosaceous
 cup-shaped
 hemispherical
 bell-shaped
 cylindrical
 conical
 ovoid.

Scales

No. of scales
 Number
 Direction.

Duration

erect
 spreading
 reflexed

Form

a. b. c. d.

Surface

reticulate
 penultimate
 foliaceous
 scabrous
 spinous

Terminal

umb-shaped
 concave
 flat
 cylindrical
 elongated
 conical

Axillary

solitary
 raceme
 corymb
 umbel
 panicle
 thyrsus
 spike
 spadix
 carkin
 head

FLOWER.

Kinds

symmetrical
 complete
 perfect
 regular
 stimulate
 neutral

Odor

microns
 fetid

Plan

reticulate
 a. b. c.

Length

pedicel
 Length

Height

Surface a. b. c.

Involute

Form
 rosaceous
 cup-shaped
 hemispherical
 bell-shaped
 cylindrical
 conical
 ovoid.

Scales

No. of scales
 Number
 Direction.

Duration

erect
 spreading
 reflexed

Form

a. b. c. d.

Surface

reticulate
 penultimate
 foliaceous
 scabrous
 spinous

Terminal

umb-shaped
 concave
 flat
 cylindrical
 elongated
 conical

Axillary

solitary
 raceme
 corymb
 umbel
 panicle
 thyrsus
 spike
 spadix
 carkin
 head

FLOWER.

Kinds

chaffy Texture		versatile intra-se extreme penitulous Form sagittate peltate awned cordate lobed No. of Cells, Dehiscence lateral	included exserted free-central axillary parietal	Color Character grooved furrowed
Calyx-Corolla gamopetalous rotate saucer-shaped cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped tubular ligulate galeate gibbate ringent persenate spurred bilobed saccate	Sepals, Petals appressed spreading reflexed sepal petals Form sepal petals a. b. c. d. spuried petals a. b. c. d.			SEED Number Form oblong ovate ovoid
Bother truncate entire lobed cleft parted Pappus cup scales awns bristles	Aestivation open valvate induplicate reduplicate imbricate contorted convolute plicata supervolvit			Attachment sessile funiculate
Polysepal us Polypetalous rosaceous bilabrous cruciferous curvophyllaceous papilionaceous anomalous	Stamens Number Foliation alternate Insertion hypogynous perigynous epigynous on a disk epitetalous Length long short ditridynamous tetradynamous Cohesion adelphous syngonesious			Coats Surface, a. b. c. e.
Duration deciduous marcescent persistent Color cubx corolla Surface cubx ribbed nerved corolla throat	Gen. Features included exserted sessile connivent Filament Form capillary filiform			Apndendages caruncle aril strombale wing coma
	Gen. Features included exserted sessile connivent Filament Form capillary filiform			Albumen quantity Texture Color
	Gen. Features included exserted sessile connivent Filament Form capillary filiform			Embryo Form straight bent rolled
	Gen. Features included exserted sessile connivent Filament Form capillary filiform			Position as to Albumen outside inside
	Gen. Features included exserted sessile connivent Filament Form capillary filiform			Direction Length
	Gen. Features included exserted sessile connivent Filament Form capillary filiform			Flumule Number Position Corymbons Form
	Gen. Features included exserted sessile connivent Filament Form capillary filiform			Size Number Texture
	Gen. Features included exserted sessile connivent Filament Form capillary filiform			No. of Cells Odor Taste Pericarp Texture
	Gen. Features included exserted sessile connivent Filament Form capillary filiform			membranous coriaceous succulent

REMARKS:

ORDER:

No.

Name, } SCIENTIFIC,

} COMMON,

LOCALITY,

DATE,

187.

CHECK TABLET.

GENERAL FEATURES.	1 hollow	8 spatulate	4 symmetrical
Habit.	2 flexuose	9 onlong	5 complete
terrestrial	3 goniolate	10 elliptical	6 perfect
aquatic	4 tumid joint	11 oval	7 regular
parusitic	Surface	12.....ovate	8 staminate
airial	a.....b.....c	13.....obovate	9 pistillate
Duration	Color.	14.....cuneate	10 neutral
annual	Height	15.....	Odor
biennial	Underground	b	1.....merous
perennial	1.....tuber	1.....acuminate	Plan
	2.....bulb	2.....acute	Odor
	3.....sessile	3.....obtusate	Stalk
	4.....p ctolate	4.....truncate	Reduce
	5.....stipulate	5.....retuse	Length.
	6.....exstipulate	6.....emarginate	Surface. a. b. c. d. e.
	7.....equitant	7.....cordate	Length.
	Arrangemen	8.....auriculate	Kind
	On the Stem.	9.....sagittate	Height. a. b. c. d. e.
	1.....radial	10.....hastate	Involute
	2.....axial	11.....peltate	Form
	3.....alternate	12.....reniform	1.....rosaceous
	4.....scattered	13.....clasping	2.....cup-shaped
	5.....fasciculate	14.....clasping	3.....hemispherical
	6.....opposite	15.....connate	4.....bell-shaped
	7.....verticillate	16.....decurrent	5.....cylindrical
	Duration	c	6.....conical
herbaceous	1.....persistent	d	7.....ovoid
succulent	2.....deciduous	Apex	Scales
arborescent	Vernation	1.....acuminate	No. of rows.
arborescent	1.....succulent	2.....acute	Arrangement.
decid	2.....coriaceous	3.....obtusate	Direction.
decumbent	3.....rugose	4.....retuse	1.....appressed
diffuse	4.....sericeous	5.....truncate	2.....spreading
prostrate	Venation.	6.....emarginate	3.....erect
creeping	1.....straight	7.....obcordate	4.....reflexed
climbing	2.....parallel.	8.....cuspidate	Form. a. b. c. d. e.
curved	3.....curved	9.....aristate	Texture
twining	4.....transverse	10.....	1.....petaloidous
Branching	Netted.	11.....	2.....foliaceous
simple	1.....pinnate	12.....	3.....scarious
furcate	2.....3-nerved	13.....	4.....spinous
excurrent	3.....5-nerved	14.....	5.....rigid
racemose	4.....radiate	15.....	6.....clafly.
paniculate	Form.	16.....	Receptacle
corimböse	Compound.	17.....	Form
diffuse	1.....pinnate	18.....	1.....urn-shaped
deliquescent	2.....palmate	19.....	2.....concave
suckers	3.....foliate	20.....	3.....flat
stolons	Simple, Leaflets	Surface	4.....cylindrical
runners	1.....	a.....	5.....elongated
tendrils	Gen., Outline	1.....glaucous	6.....convex
thorns	1.....filiform	2.....glaucous	7.....hemispherical
terete	2.....acicular	3.....punctate	Disk
striate	3.....acrose	4.....verrucose	1.....hypogynous
grooved	4.....subulate	5.....	2.....epigynous
angled.	5.....linear	Saft Hairs	3.....naked
solid	6.....lanceolate	1.....puberulent	4.....smooth
	7.....oblanccolate	2.....pilosus	5.....punctate
		3.....	6.....alveolate
			7.....bristly

.....chaffy Texture	.....versatile introrse extrorse pendulous Form.....sagittate.....peltate.....awned cordate lobed Dehiscence.....lateral	.....included.....ersected Ficocination.....for-central.....axillary.....parietal	.....Surface, a. b. c.
Calyx, Corolla Gamopetalous.....rotate.....saucer-shaped cup-shaped.....campanulate.....funnel-form.....urn-shaped top-shaped tubular ligulate labiate galeate.....ringent.....personate.....spurred inflated saccate	Stamens Number Position.....alternate.....opposite Insertion.....hypogynous.....perigynous.....epigynous.....gynandrous.....on a disk.....epitactalous Length.....long.....short.....didynamous.....tetradynamous Cohesion.....adelphous.....syngonesious Gen. Features.....included.....exserted.....sessile.....connivent Filament Form.....capillary.....filiform	Ovules Kind.....orthotropous.....campylotropous.....ovate.....amphitropous Dir. in Ovary.....erect.....ascending.....horizontal pendulous.....suspended	Form.....oblong.....ovate.....ovoid
Border.....trifurcate entire lobed cleft parted Pappus.....cup.....seaks.....awns.....bristles	Aestivation.....valvate.....induplicatic.....rectuplicatic.....imbricate.....contorted.....convolute.....plicatic.....supervolute	Dehiscence.....septicidal.....locuticidal.....circumscissile	Appendages.....caruncle.....strophiole.....wing.....coma
Poeseal us Polypetalous.....bisaccous.....hilaricous.....cruciferous.....eryophyllaceous.....papilionaceous.....anomalous	Stamens Number Position.....alternate.....opposite Insertion.....hypogynous.....perigynous.....epigynous.....gynandrous.....on a disk.....epitactalous Length.....long.....short.....didynamous.....tetradynamous Cohesion.....adelphous.....syngonesious Gen. Features.....included.....exserted.....sessile.....connivent Filament Form.....capillary.....filiform	Albomen quantity Texture Color	Embryo form.....straight.....bent.....rolled Size Position as to Albomen.....outside.....inside Radicle Length Direction Plumule Number Position Cotyledons Form
Surface.....calyx ribbed nerved corolla throat	Surface, a. b. c. .....innate.....adnate	Aggregatio.....Accessory.....Multiple No. of Cells Odor Taste Pericarp Texture.....membranous.....coriaceous.....succulent	Size Number Texture
Texture	Surface, a. b. c. .....innate.....adnate	Aggregatio.....Accessory.....Multiple No. of Cells Odor Taste Pericarp Texture.....membranous.....coriaceous.....succulent	Surface, a. b. c. .....innate.....adnate

REMARKS:

ORDER:

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

No.

DATE,

187

CHECK TABLET.

GENERAL FEATURES	8 hollow	9 spatulate	4 villous	5 symmetrical
Habit.	10 flexuose	10 oblong	5 silky	5 complete
terrestrial	11 geminate	11 elliptical	6 woolly	6 perfect
aquatic	12 tumid joint	12 oval	7 velvety	7 regular
parasitic	a. b. c	13 round	8 Soft Hairs	8 filamentate
erial	13 ovate	14 obovate	1 scabrous	8 pistillate
Duration	14 cuculate	15 cuculate	2 hispid	8 neutral
annual	Underground	Base	3 spinous	8 Odor
biennial	1 corn	1 acuminate	5 prickly	8 Plan
perennial	2 tuber	2 acutely	6 Petiole	8 Stalk
	3 bulb	3 obtuse	1 Form	8 peduncle
Juice	LEAVES.	4 truncate	2 Form	8 Length
Color	5 sessile	5 retuse	3 Form	8 Surface
Taste	6 petiolate	6 emarginate	4 Form	8 a. b. c.
Gen. Char.	7 stipulate	7 cordate	5 compressed	8 Petiole
ROOT.	8 exstipulate	8 auriculate	6 leaf-like	8 Length
Form	9 equitant	9 sagittate	7 Kind	8 Height
conical		10 hastate	8 Surface	8 a. b. c.
fusiform	Arrangement	11 pelate	9 Form	8 Involute
ramiform	On the Stem	12 reniform	10 Form	8 Form
fibrous	1 capsule	13 clasping	11 Kind	8 Form
fasciculate	2 radical	14 comate	12 Surface	8 a. b. c.
aerial	3 raimed	15 decurrent	13 Length	8 Form
	4 Along the Axis—		14 Stipules	8 Form
Gen. Char.	5 scattered		15 Form	8 Form
STEM.	6 Apex		16 Adhesion	8 Form
caudex	1 Apex		17 Form	8 Form
caudex	2 Apex		18 Form	8 Form
caudex	3 Apex		19 Form	8 Form
caudex	4 Apex		20 Form	8 Form
caudex	5 Apex		21 Form	8 Form
caudex	6 Apex		22 Form	8 Form
caudex	7 Apex		23 Form	8 Form
caudex	8 Apex		24 Form	8 Form
caudex	9 Apex		25 Form	8 Form
caudex	10 Apex		26 Form	8 Form
caudex	11 Apex		27 Form	8 Form
caudex	12 Apex		28 Form	8 Form
caudex	13 Apex		29 Form	8 Form
caudex	14 Apex		30 Form	8 Form
caudex	15 Apex		31 Form	8 Form
caudex	16 Apex		32 Form	8 Form
caudex	17 Apex		33 Form	8 Form
caudex	18 Apex		34 Form	8 Form
caudex	19 Apex		35 Form	8 Form
caudex	20 Apex		36 Form	8 Form
caudex	21 Apex		37 Form	8 Form
caudex	22 Apex		38 Form	8 Form
caudex	23 Apex		39 Form	8 Form
caudex	24 Apex		40 Form	8 Form
caudex	25 Apex		41 Form	8 Form
caudex	26 Apex		42 Form	8 Form
caudex	27 Apex		43 Form	8 Form
caudex	28 Apex		44 Form	8 Form
caudex	29 Apex		45 Form	8 Form
caudex	30 Apex		46 Form	8 Form
caudex	31 Apex		47 Form	8 Form
caudex	32 Apex		48 Form	8 Form
caudex	33 Apex		49 Form	8 Form
caudex	34 Apex		50 Form	8 Form
caudex	35 Apex		51 Form	8 Form
caudex	36 Apex		52 Form	8 Form
caudex	37 Apex		53 Form	8 Form
caudex	38 Apex		54 Form	8 Form
caudex	39 Apex		55 Form	8 Form
caudex	40 Apex		56 Form	8 Form
caudex	41 Apex		57 Form	8 Form
caudex	42 Apex		58 Form	8 Form
caudex	43 Apex		59 Form	8 Form
caudex	44 Apex		60 Form	8 Form
caudex	45 Apex		61 Form	8 Form
caudex	46 Apex		62 Form	8 Form
caudex	47 Apex		63 Form	8 Form
caudex	48 Apex		64 Form	8 Form
caudex	49 Apex		65 Form	8 Form
caudex	50 Apex		66 Form	8 Form
caudex	51 Apex		67 Form	8 Form
caudex	52 Apex		68 Form	8 Form
caudex	53 Apex		69 Form	8 Form
caudex	54 Apex		70 Form	8 Form
caudex	55 Apex		71 Form	8 Form
caudex	56 Apex		72 Form	8 Form
caudex	57 Apex		73 Form	8 Form
caudex	58 Apex		74 Form	8 Form
caudex	59 Apex		75 Form	8 Form
caudex	60 Apex		76 Form	8 Form
caudex	61 Apex		77 Form	8 Form
caudex	62 Apex		78 Form	8 Form
caudex	63 Apex		79 Form	8 Form
caudex	64 Apex		80 Form	8 Form
caudex	65 Apex		81 Form	8 Form
caudex	66 Apex		82 Form	8 Form
caudex	67 Apex		83 Form	8 Form
caudex	68 Apex		84 Form	8 Form
caudex	69 Apex		85 Form	8 Form
caudex	70 Apex		86 Form	8 Form
caudex	71 Apex		87 Form	8 Form
caudex	72 Apex		88 Form	8 Form
caudex	73 Apex		89 Form	8 Form
caudex	74 Apex		90 Form	8 Form
caudex	75 Apex		91 Form	8 Form
caudex	76 Apex		92 Form	8 Form
caudex	77 Apex		93 Form	8 Form
caudex	78 Apex		94 Form	8 Form
caudex	79 Apex		95 Form	8 Form
caudex	80 Apex		96 Form	8 Form
caudex	81 Apex		97 Form	8 Form
caudex	82 Apex		98 Form	8 Form
caudex	83 Apex		99 Form	8 Form
caudex	84 Apex		100 Form	8 Form

FLOWER.
Kinds

INFLORESCENCE
Terminal

BRACTS
Form

RECEPTACLE
Form

AXILLARY
Form

SCALE
Form

STIPULE
Form

STEM
Form

LEAF
Form

PETIOLE
Form

STALK
Form

ODOR
Form

DURATION
Form

VENATION
Form

TEXTURE
Form

GEN. CHAR.
Form

FRUIT
Form

SEED
Form

ROOT
Form

STEM
Form

LEAF
Form

PETIOLE
Form

STALK
Form

ODOR
Form

DURATION
Form

VENATION
Form

TEXTURE
Form

GEN. CHAR.
Form

FRUIT
Form

SEED
Form

ROOT
Form

STEM
Form

LEAF
Form

PETIOLE
Form

STALK
Form

ODOR
Form

DURATION
Form

VENATION
Form

TEXTURE
Form

GEN. CHAR.
Form

FRUIT
Form

SEED
Form

ROOT
Form

STEM
Form

LEAF
Form

PETIOLE
Form

STALK
Form

ODOR
Form

DURATION
Form

VENATION
Form

TEXTURE
Form

GEN. CHAR.
Form

FRUIT
Form

SEED
Form

ROOT
Form

STEM
Form

LEAF
Form

PETIOLE
Form

.....chaffy Texture	.....appressed spreading retracted	.....versatile introrse extrorse pendulous	.....included exserted	.....<i>Surface, a, b, c.</i> Color
Calyx- Corolla C. <i>campeolous</i> Campeolalous.....rotate	.....sepals petals Form.....saucer-shaped cup-shaped campanulate funnel-form silver-form urn-shaped top-shaped tubular ligulate labiate ginate ringent personate spurred inflated saccate	.....segitate petate Form.....awned cordate <i>inhabed</i> No. of Cells, <i>Dehiscence</i>.....lateral Pollen	.....Ploaction.....fret-treated.....axillary.....parietal	.....Gen. Character.....ribbed.....grooved
Aestivation.....valvate.....induplicate.....imbricate.....contorted.....convolute.....plicate.....supervov.	.....closed.....open.....simple.....multiple.....compound	.....No. of Cells, <i>Dehiscence</i>.....lateral	SEED Number.....oblong.....ovate.....ovoid	Attachment.....sessile.....funiculate
Stamens Number.....petalica.....opposite.....inertian.....hypogynous.....perigynous.....epigynous.....gynandriou.....on a disk.....epipetalous.....Length.....long.....short.....didynamous.....tetradynamous.....adelphous.....syngenesious	.....terminal.....lateral.....sessile	.....Stigma Position.....terminal.....lateral.....sessile	Embryo Form.....straight.....bent.....rolled	Coats <i>Surface, a, b, c.</i> Color Texture
Pappus.....cup.....scales.....awns.....bristles	.....inertian.....hypogynous.....perigynous.....epigynous.....gynandriou.....on a disk.....epipetalous.....Length.....long.....short.....didynamous.....tetradynamous.....adelphous.....syngenesious	.....Stigma Position.....terminal.....lateral.....sessile	Appendages.....anil.....epitriche.....strophole.....wing.....chama	Albumen Quantity Texture Color
Polysepal us.....resaccous.....lilaceous.....cradiciform.....carophylacous.....papilionaceous.....anomalous	.....inertian.....hypogynous.....perigynous.....epigynous.....gynandriou.....on a disk.....epipetalous.....Length.....long.....short.....didynamous.....tetradynamous.....adelphous.....syngenesious	.....Stigma Position.....terminal.....lateral.....sessile	Kinds Flechy.....berry.....pepo.....pome	Form.....oblong.....ovate.....ovoid
Duration.....deciduous.....marcescent.....persistent	.....inertian.....hypogynous.....perigynous.....epigynous.....gynandriou.....on a disk.....epipetalous.....Length.....long.....short.....didynamous.....tetradynamous.....adelphous.....syngenesious	.....Stigma Position.....terminal.....lateral.....sessile	Stones.....drupe	Form.....oblong.....ovate.....ovoid
Color.....calyx.....corolla.....ribbed.....nerved.....corolla.....throat	.....inertian.....hypogynous.....perigynous.....epigynous.....gynandriou.....on a disk.....epipetalous.....Length.....long.....short.....didynamous.....tetradynamous.....adelphous.....syngenesious	.....Stigma Position.....terminal.....lateral.....sessile	Dry.....achonium.....atricle.....samara.....follicle.....legume.....capsule.....silique.....silicle.....pyxis	Position as to Albumen.....outside.....inside
Surface.....calyx.....corolla.....ribbed.....nerved.....corolla.....throat	.....inertian.....hypogynous.....perigynous.....epigynous.....gynandriou.....on a disk.....epipetalous.....Length.....long.....short.....didynamous.....tetradynamous.....adelphous.....syngenesious	.....Stigma Position.....terminal.....lateral.....sessile	Aggregate.....Accessory.....Multiple	Direction.....Length.....Plymple.....Number.....Position
Texture	.....inertian.....hypogynous.....perigynous.....epigynous.....gynandriou.....on a disk.....epipetalous.....Length.....long.....short.....didynamous.....tetradynamous.....adelphous.....syngenesious	.....Stigma Position.....terminal.....lateral.....sessile	No. of Cells Odor Taste Pericarp Texture.....membranous.....coriaceous.....succulent	Occasionous Form.....Size.....Number.....Texture

REMARKS :

ORDER : No.

Name, { SCIENTIFIC,
COMMON,

LOCALITY, DATE, 187.....

CHECK TABLE.

GENERAL FEATURES.	1. hollow	8. spatulate	4. villous	..... symmetrical
Habit.	2. flexuose	9. oblong	5. 5-nay	..... complete
..... terrestrial	3. geniculate	10. elliptical	6. woolly	..... perfect
..... aquatic	4. tumid joint	11. oval	7. velvety	..... 4-gular
..... parasitic	5. a. b. d. c	12. round	8. Soft Hairs	..... staminate
..... aerial	6. ovate	13. obovate	1. hispid	..... neutral
Duration	7. cuculate	14. cuculate	2. spinous	.....
..... annual	8. <i>Blake</i>	15. acuminate	3. prickly	Odor
..... biennial	9. tubar	16. acute	4. Petiole	Plan
..... perennial	10. bulb	17. obtuse	5. Form	Stalk
Juice	11. sessile	18. truncate	6. terete	Length
Color	12. p. ciliate	19. reflex	7. compressed	Surface a. b. c.
Taste	13. exspilate	20. emarginate	8. leaf-like	Podical
Gen. Char.	14. equitant	21. cordate	9. Kind	Length
ROOT.	15. scattered	22. auriculate	10. marginated	Height
Form	16. Arrangement	23. sagittate	11. clasping	Surface a. b. c.
..... conical	1. fasciculate	24. hastate	12. sheathing	Involute
..... fusiform	2. On the Stem.	25. reniform	13. <i>Stipules</i>	Form
..... napiform	3. cubine	26. compound	14. Form	..... rosaceous
..... ramose	4. radical	27. decurrent	15. a. b. c. e.	..... cup-shaped
..... solvent	5. Along the Axis.	28. alternate.	16. Stipules	..... hemispherical
..... fibrous	1. scattered	29. prostrate	17. Form	..... bell-shaped
..... fasciculate	2. rosulate	30. fasciculate	18. Gen. Character	..... conical
..... dierial	3. oppisive	31. verticillate	19. Con. Character	..... ovoid.
Gen. Char.	4. persistent	32. deciduous	20. Membranous	No. of rows.
STEM.	5. Duration	33. Vernation	21. Duration	Number.
..... endogenou	1. herbaceous	1. persistent	1. Direction.	.....
nature	2. suffruticose	2. deciduous	2. Duration	..... appressed
..... herbaceous	3. fruticose	3. Vernation	3. Form	..... erect
..... suffruticose	4. arborescent	4. Texture	4. BRACCTS	..... spreading
..... fruticose	5. Dir. of Growth	1. succulent	5. Form	..... reflexed
..... arborescent	1. assurgent	2. coriaceous	6. a. b. c. d. e.	Form a. b. c. d.
..... erect	2. decumbent	3. rugose	7. Terminal	Receptacle
..... assurgent	3. diffuse	4. Venation.	8. Form	..... pediceloidis
..... decumbent	4. Form.	1. straight	9. Form	..... foliaceous
..... diffuse	1. Simple.	2. curved	10. Form	..... scariosus
..... prostrate	2. Gen., Outline	3. transverse	11. Form	..... spinous
..... creeping	1. Form.	4. Method.	12. Form	..... rigid
..... climbing	1. Compound.	1. pinnate	13. Form	..... cladly.
..... twining	2. palmate	2. 3-nerved	14. Form	Terminal
Branching	3. lobate	3. radiate	15. Form	..... solitary
..... simple	4. Simple, Leaflets	4. Form.	16. Form	..... cyclic
..... furcate	1. Gen., Outline	1. Form.	17. Form	..... fasciculate
..... excurrent	2. acrose	2. Form.	18. Form	..... glomerule
..... racemose	3. subulate	3. Form.	19. Form	..... vertical
..... paniculate	4. linear	4. Form.	20. Form	..... elongated
..... corymbose	5. lanceolate	5. Form.	21. Form	..... convex
..... diffuse	6. oblanccolate	6. Form.	22. Form	..... concave
..... deliquescent	7. Form.	7. Form.	23. Form	..... flat
..... strobiles	1. Form.	1. Form.	24. Form	..... cylindrical
..... strobils	2. Form.	2. Form.	25. Form	..... elongated
..... objects	3. Form.	3. Form.	26. Form	..... convex
..... runners	4. Form.	4. Form.	27. Form	..... hemispherical
..... tendrils	5. Form.	5. Form.	28. Form	Disk
..... thorns	6. Form.	6. Form.	29. Form	..... hygrognous
Gen. Char.	7. Form.	7. Form.	30. Form	..... perignous
..... terete	1. Form.	1. Form.	31. Form	..... corygnous
..... striate	2. Form.	2. Form.	32. Form	Surface
..... grooved	3. Form.	3. Form.	33. Form	..... naked
..... angled.	4. Form.	4. Form.	34. Form	..... smooth
..... solid	5. Form.	5. Form.	35. Form	..... punctate
	6. Form.	6. Form.	36. Form	..... alvolate
	7. Form.	7. Form.	37. Form	..... bristly

CHECK TABLE.

GENERAL FEATURES.

- Habit.** terrestrial
 aquatic
 parasitic
 aerial
Duration annual
 biennial
 perennial

- hollow
 flexuose
 geniculate
 tumid joint
Surface a, b, c
 ovate
Color
Height
Underground rhizoma

- spatulate
 oblong
 elliptical
 oval
Stip Hairs
 scabrous
 hispid
 ciliate
 spinous
 prickly

- symmetrical
 complete
 pectig
 rugular
 staminate
 pistillate
 neutral
Odor
Plan mucronous
Stalk folioid
Length
Surface a, b, c.
Radical
Length
Height
Surface a, b, c.
Involve
 tomentous
 cup-shaped
 hemispherical
 bell-shaped
 cylindrical
 conical
 ovoid.

Odor

- Juice**
 Color
 Taste
 Gen. Char.
Form
 fibrous
 membranous
 rufous
 solvent
 fibrous
 fasciculate
 aërial

LEAVES.

- Kinds**
 sessile
 petiolate
 stipulate
 exspatulate
 equitant

Petiole

- Form**
 terete
 grooved
 compressed
 leaf-like
Kind
 margined
 clasping
 sheathing
Surface a, b, c.

Stipules

- Form**
 a, b, c, d.
Adhesion
Gen. Character
 membranous
 lobaceous
 spinous
Duration
 persistent
 deciduous
BRACTS
 a, b, c, d, d.
Surface a, b, c, d.
Gen. Character
 lobaceous
 petaloidous
 membranous
INFLUENCE
Terminal
 solitary
 cyme
 fascicle
 glomerule
 verticillaster
Axillary
 solitary
 raceme
 umbel
 corymb
 panicle
 thyrsus
 spike
 strobilus
 catkin
 head
FLOWER.
Kinds
 pubescent

Gen. Char.

- STEM.**
 exog. chor.
 endogenou
nature
 herbaceous
 suffruticose
 fruticose
 arborescent
Dir. of Growth
 erect
 assurgent
 decumbent
 diffuse
 prostrate
 creeping
 climbing
 twining
 simple
 furcate
 excurrent
 racemose
 paniculate
 corymbose
 diffuse
Special Forms
 stolons
 offsets
 runners
 tendrils
 thorns
Gen. Char.
 terete
 striate
 grooved
 angled.
 solid

Form

- fibrous
 membranous
 rufous
 solvent
 fibrous
 fasciculate
 aërial

Arrangemen

- On the Stem.
 cauline
 radical
 nentral
 Along the Axis.
 alternate.
 scattered.
 rosulate
 fasciculate
 opposite
 verticillate

Duration

- persistent
 deciduous
Vernation
Texture
 succulent
 coriaceous
 rugose
 Sili. oas
Venation.
 straight
 curved
 transverse
Noted.
 pinnate
 3-nerved
 5-nerved
 palmate

Form

- a, b, c, d, d.
Surface a, b, c, d.
Gen. Character
 lobaceous
 petaloidous
 membranous
INFLUENCE
Terminal
 solitary
 cyme
 fascicle
 glomerule
 verticillaster
Axillary
 solitary
 raceme
 umbel
 corymb
 panicle
 thyrsus
 spike
 strobilus
 catkin
 head
FLOWER.
Kinds
 pubescent

Gen. Char.

- STEM.**
 exog. chor.
 endogenou
nature
 herbaceous
 suffruticose
 fruticose
 arborescent
Dir. of Growth
 erect
 assurgent
 decumbent
 diffuse
 prostrate
 creeping
 climbing
 twining
 simple
 furcate
 excurrent
 racemose
 paniculate
 corymbose
 diffuse
Special Forms
 stolons
 offsets
 runners
 tendrils
 thorns
Gen. Char.
 terete
 striate
 grooved
 angled.
 solid

chaftly Texture	Sepals, Petals appressed spreading reflexed sepal petals Form sepal petal a. b. c. d. spuried petals a. b. c. d.	versatile introrse extrorse pendulous Form sagittate petate awned cordate lobed No. of Cells Dehiscence lateral Pollen	included exserted Flaccidation pre-central axillary parietal Ovules Kind orthotropous campylotropous anatropous amphitropous Dir. in Ovary erect	Surface, a. b. c. Color Gen. Character ribbed grooved furrowed SEED Number Form oblong ovate ovoid
Boomer truncate cylind. balsd cleft papil Pappus cup seeds awns bristles	Stamens Number Position Incurvation hypanthium perigonium epigonium on a disk epipetalous Length long short didynamous tetradynamous Cohecion adelphous syngenesious Gen. Features included exserted sessile comminute Filament Form capillary filliform	closed open simple multiple compound Stigma Position terminal lateral sessile Tern quad colobose lobed filliform linear Style Form nifiform branching declinate Position terminal lateral basilar Number Surface, a. b. c. Ovary Adhesion superior half-superior inferior No. of Cells Form Surface, a. b. c. Gen. Features	Kind ascending horizontal pendulous suspensoid FRUIT Septoid septoidal localitidal septifragal circumscissile Kinds Fleshy berry pepo lone Steno Grupe Dry achenium utricle samara follicle legume capsule silique silicle pyxis Aggregate Accessory Multiple No. of Cells Odor Taste Pericarp Texture membranous cartilagenous sacculent	Attachment sessile funiculate Coats Surface, a. b. c. Appendages anril caruncle strophiole wing coma Albumen quantity Texture Color Embryo Form straight bent rolled Size Position as to Albumen inside outside Radicle Direction Length Plumule Number Position Cotyledons Form Size Number Texture
Polypetal us Polyptalous resaccous Hirsaceous cruciferous caryophyllaceous papilionaceous anomalous Duration deciduous marcescent persistent Color calyx corolla Surface calyx corolla ribbed nerved corolla throat Texture	Attachment Surface, a. b. c. innate adnate	Surface, a. b. c. Gen. Features	Remarks	Remarks

REMARKS:

ORDER:

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE,

No.

CHECK TABLE.

GENERAL FEATURES.	8 hollow	9 spatulate	4 villous	5 symmetrical
Habit.	10 flexuose	11 oblong	5 silky	6 complete
1 terrestrial	12 geminate	12 c. linear	6 woolly	7 perfect
2 aquatic	13 joint	13 oval	7 velvety	8 regular
3 parasitic	Surface	13 convex	8 striate	9 staminate
4 aerial	a. d. b. c	14 obovate	9 striate	10 neutral
Duration	Color	15 cuneate	10 hispid	11 punctate
1 annual	Height	16 truncate	11 spinous	12 striate
2 biennial	Underground	17 cordate	12 prickly	13 microns
3 perennial	rhizoma	18 auriculate	13	
	rhizome	19 sagittate	14	
	tuber	20 hastate	15	
	bulb	21 pediform	16	
	LEAVES.	22 pedicel	17	
	1 sessile	23 truncate	18	
	2 petiole	24 emarginate	19	
	3 stipulate	25 cordate	20	
	4 costipulate	26 auriculate	21	
	5 equitant	27 sagittate	22	
	Arrangement	28 hastate	23	
	On the Stem.	29 pediform	24	
	1 cauline	30 cusping	25	
	2 radical	31 connate	26	
	3 ramal	32 decurrent	27	
	Along the Axis.	33	28	
	1 alternate.	Apex	29	
	2 scattered.	1 acuminate	30	
	3 rosulate	2 acute	31	
	4 fasciculate	3 obtuse	32	
	5 opposite	4 truncate	33	
	6 verticillate	5 retuse	34	
	Duration	6 emarginate	35	
	1 persistent	7 auriculate	36	
	2 deciduous	8 sagittate	37	
	Vernation	9 hastate	38	
	1 succulent	10 pediform	39	
	2 coriaceous	11 cusping	40	
	3 rugose	12 connate	41	
	Venation	13 decurrent	42	
	1 parallel	14	43	
	2 straight	15	44	
	3 curved	16	45	
	4 transverse	17	46	
	Netted	18	47	
	1 pinnate	19	48	
	2 3-nerved	20 serrulate	49	
	3 5-nerved	21 lobed	50	
	4 radiate	22 cleft	51	
	Form.	23 pectinate	52	
1 palmate	24	24 lyrate	53	
2 foliate	25	25 runcinate	54	
3	26	26 divided	55	
4	27	Surface	56	
5	28	1 glabrous	57	
6	29	2 No Hairs	58	
7	30	3 glaucous	59	
8	31	4 punctate	60	
9	32	5 verrucose	61	
10	33	6 striate	62	
11	34	7 pubescent	63	
12	35	8 pilosus	64	
13	36	9 puberulent	65	
14	37	10 pilosus	66	
15	38	11 pubescent	67	
16	39	12	68	
17	40	13	69	
18	41	14	70	
19	42	15	71	
20	43	16	72	
21	44	17	73	
22	45	18	74	
23	46	19	75	
24	47	20	76	
25	48	21	77	
26	49	22	78	
27	50	23	79	
28	51	24	80	
29	52	25	81	
30	53	26	82	
31	54	27	83	
32	55	28	84	
33	56	29	85	
34	57	30	86	
35	58	31	87	
36	59	32	88	
37	60	33	89	
38	61	34	90	
39	62	35	91	
40	63	36	92	
41	64	37	93	
42	65	38	94	
43	66	39	95	
44	67	40	96	
45	68	41	97	
46	69	42	98	
47	70	43	99	
48	71	44	100	
49	72	45	101	
50	73	46	102	
51	74	47	103	
52	75	48	104	
53	76	49	105	
54	77	50	106	
55	78	51	107	
56	79	52	108	
57	80	53	109	
58	81	54	110	
59	82	55	111	
60	83	56	112	
61	84	57	113	
62	85	58	114	
63	86	59	115	
64	87	60	116	
65	88	61	117	
66	89	62	118	
67	90	63	119	
68	91	64	120	
69	92	65	121	
70	93	66	122	
71	94	67	123	
72	95	68	124	
73	96	69	125	
74	97	70	126	
75	98	71	127	
76	99	72	128	
77	100	73	129	
78	101	74	130	
79	102	75	131	
80	103	76	132	
81	104	77	133	
82	105	78	134	
83	106	79	135	
84	107	80	136	
85	108	81	137	
86	109	82	138	
87	110	83	139	
88	111	84	140	
89	112	85	141	
90	113	86	142	
91	114	87	143	
92	115	88	144	
93	116	89	145	
94	117	90	146	
95	118	91	147	
96	119	92	148	
97	120	93	149	
98	121	94	150	
99	122	95	151	
100	123	96	152	
101	124	97	153	
102	125	98	154	
103	126	99	155	
104	127	100	156	
105	128	101	157	
106	129	102	158	
107	130	103	159	
108	131	104	160	
109	132	105	161	
110	133	106	162	
111	134	107	163	
112	135	108	164	
113	136	109	165	
114	137	110	166	
115	138	111	167	
116	139	112	168	
117	140	113	169	
118	141	114	170	
119	142	115	171	
120	143	116	172	
121	144	117	173	
122	145	118	174	
123	146	119	175	
124	147	120	176	
125	148	121	177	
126	149	122	178	
127	150	123	179	
128	151	124	180	
129	152	125	181	
130	153	126	182	
131	154	127	183	
132	155	128	184	
133	156	129	185	
134	157	130	186	
135	158	131	187	
136	159	132	188	
137	160	133	189	
138	161	134	190	
139	162	135	191	
140	163	136	192	
141	164	137	193	
142	165	138	194	
143	166	139	195	
144	167	140	196	
145	168	141	197	
146	169	142	198	
147	170	143	199	
148	171	144	200	
149	172	145	201	
150	173	146	202	
151	174	147	203	
152	175	148	204	
153	176	149	205	
154	177	150	206	
155	178	151	207	
156	179	152	208	
157	180	153	209	
158	181	154	210	
159	182	155	211	
160	183	156	212	
161	184	157	213	
162	185	158	214	
163	186	159	215	
164	187	160	216	
165	188	161	217	
166	189	162	218	
167	190	163	219	
168	191	164	220	
169	192	165	221	
170	193	166	222	
171	194	167	223	
172	195	168	224	
173	196	169	225	
174	197	170	226	
175	198	171	227	
176	199	172	228	
177	200	173	229	
178	201	174	230	
179	202	175	231	
180	203	176	232	
181	204	177	233	
182	205	178	234	
183	206	179	235	
184	207	180	236	
185	208	181	237	
186	209	182	238	
187	210	183	239	
188	211	184	240	
189	212	185	241	
190	213	186	242	
191	214	187	243	
192	215	188	244	
193	216	189	245	
194	217	190	246	
195	218	191	247	
196	219	192	248	
197	220	193	249	
198	221	194	250	
199	222	195	251	
200	223	196	252	
201	224	197	253	
202	225	198	254	
203	226	199	255	
204	227	200	256	
205	228	201	257	
206	229	202	258	
207	230	203	259	
208	231	204	260	
209	232	205	261	
210	233	206	262	
211	234	207	263	
212	235	208	264	
213	236	209	265	
214	237	210	266	
215	238	211	267	
21				

CHECK TABLET.

GENERAL FEATURES.	8	hollow	9	sputate	4	villos	.....	symmetrical
Habit.	1	fleshy	10	oblong	5	sulky	.....	complete
.....	2	geniculate	11	elliptical	6	wooly	.....	perfect
.....	3	umbil joint	12	oval	7	velvety	.....	regular
Surface	4	round	13	ovate	8		.....	stimate
a.....b.....c	5	.....	14	obovate	9	Stiff Hairs	.....	plissate
Color	6	.....	15	cuneate	10	scabrous	.....	acutera
Height	7	.....	16	.....	11	caliculate	.....
Underground	8	.....	17	.....	12	.....	.....
.....	9	.....	18	.....	13	.....	.....
.....	10	.....	19	.....	14	.....	.....
.....	11	.....	20	.....	15	.....	.....
Odor	12	.....	21	.....	16	.....	.....
.....	13	.....	22	.....	17	.....	.....
Juice	14	.....	23	.....	18	.....	.....
Color.	15	.....	24	.....	19	.....	.....
Taste.	16	.....	25	.....	20	.....	.....
Gen. Char.	17	.....	26	.....	21	.....	.....
ROOT.	18	.....	27	.....	22	.....	.....
Form	19	.....	28	.....	23	.....	.....
.....	20	.....	29	.....	24	.....	.....
.....	21	.....	30	.....	25	.....	.....
.....	22	.....	31	.....	26	.....	.....
.....	23	.....	32	.....	27	.....	.....
.....	24	.....	33	.....	28	.....	.....
.....	25	.....	34	.....	29	.....	.....
.....	26	.....	35	.....	30	.....	.....
.....	27	.....	36	.....	31	.....	.....
.....	28	.....	37	.....	32	.....	.....
.....	29	.....	38	.....	33	.....	.....
.....	30	.....	39	.....	34	.....	.....
.....	31	.....	40	.....	35	.....	.....
.....	32	.....	41	.....	36	.....	.....
.....	33	.....	42	.....	37	.....	.....
.....	34	.....	43	.....	38	.....	.....
.....	35	.....	44	.....	39	.....	.....
.....	36	.....	45	.....	40	.....	.....
.....	37	.....	46	.....	41	.....	.....
.....	38	.....	47	.....	42	.....	.....
.....	39	.....	48	.....	43	.....	.....
.....	40	.....	49	.....	44	.....	.....
.....	41	.....	50	.....	45	.....	.....
.....	42	.....	51	.....	46	.....	.....
.....	43	.....	52	.....	47	.....	.....
.....	44	.....	53	.....	48	.....	.....
.....	45	.....	54	.....	49	.....	.....
.....	46	.....	55	.....	50	.....	.....
.....	47	.....	56	.....	51	.....	.....
.....	48	.....	57	.....	52	.....	.....
.....	49	.....	58	.....	53	.....	.....
.....	50	.....	59	.....	54	.....	.....
.....	51	.....	60	.....	55	.....	.....
.....	52	.....	61	.....	56	.....	.....
.....	53	.....	62	.....	57	.....	.....
.....	54	.....	63	.....	58	.....	.....
.....	55	.....	64	.....	59	.....	.....
.....	56	.....	65	.....	60	.....	.....
.....	57	.....	66	.....	61	.....	.....
.....	58	.....	67	.....	62	.....	.....
.....	59	.....	68	.....	63	.....	.....
.....	60	.....	69	.....	64	.....	.....
.....	61	.....	70	.....	65	.....	.....
.....	62	.....	71	.....	66	.....	.....
.....	63	.....	72	.....	67	.....	.....
.....	64	.....	73	.....	68	.....	.....
.....	65	.....	74	.....	69	.....	.....
.....	66	.....	75	.....	70	.....	.....
.....	67	.....	76	.....	71	.....	.....
.....	68	.....	77	.....	72	.....	.....
.....	69	.....	78	.....	73	.....	.....
.....	70	.....	79	.....	74	.....	.....
.....	71	.....	80	.....	75	.....	.....
.....	72	.....	81	.....	76	.....	.....
.....	73	.....	82	.....	77	.....	.....
.....	74	.....	83	.....	78	.....	.....
.....	75	.....	84	.....	79	.....	.....
.....	76	.....	85	.....	80	.....	.....
.....	77	.....	86	.....	81	.....	.....
.....	78	.....	87	.....	82	.....	.....
.....	79	.....	88	.....	83	.....	.....
.....	80	.....	89	.....	84	.....	.....
.....	81	.....	90	.....	85	.....	.....
.....	82	.....	91	.....	86	.....	.....
.....	83	.....	92	.....	87	.....	.....
.....	84	.....	93	.....	88	.....	.....
.....	85	.....	94	.....	89	.....	.....
.....	86	.....	95	.....	90	.....	.....
.....	87	.....	96	.....	91	.....	.....
.....	88	.....	97	.....	92	.....	.....
.....	89	.....	98	.....	93	.....	.....
.....	90	.....	99	.....	94	.....	.....
.....	91	.....	100	.....	95	.....	.....
.....	92	.....	101	.....	96	.....	.....
.....	93	.....	102	.....	97	.....	.....
.....	94	.....	103	.....	98	.....	.....
.....	95	.....	104	.....	99	.....	.....
.....	96	.....	105	.....	100	.....	.....
.....	97	.....	106	.....	101	.....	.....
.....	98	.....	107	.....	102	.....	.....
.....	99	.....	108	.....	103	.....	.....
.....	100	.....	109	.....	104	.....	.....
.....	101	.....	110	.....	105	.....	.....
.....	102	.....	111	.....	106	.....	.....
.....	103	.....	112	.....	107	.....	.....
.....	104	.....	113	.....	108	.....	.....
.....	105	.....	114	.....	109	.....	.....
.....	106	.....	115	.....	110	.....	.....
.....	107	.....	116	.....	111	.....	.....
.....	108	.....	117	.....	112	.....	.....
.....	109	.....	118	.....	113	.....	.....
.....	110	.....	119	.....	114	.....	.....
.....	111	.....	120	.....	115	.....	.....
.....	112	.....	121	.....	116	.....	.....
.....	113	.....	122	.....	117	.....	.....
.....	114	.....	123	.....	118	.....	.....
.....	115	.....	124	.....	119	.....	.....
.....	116	.....	125	.....	120	.....	.....
.....	117	.....	126	.....	121	.....	.....
.....	118	.....	127	.....	122	.....	.....
.....	119	.....	128	.....	123	.....	.....
.....	120	.....	129	.....	124	.....	.....
.....	121	.....	130	.....	125	.....	.....
.....	122	.....	131	.....	126	.....	.....
.....	123	.....	132	.....	127	.....	.....
.....	124	.....	133	.....	128	.....	.....
.....	125	.....	134	.....	129	.....	.....
.....	126	.....	135	.....	130	.....	.....
.....	127	.....	136	.....	131	.....	.....
.....	128	.....	137	.....	132	.....	.....
.....	129	.....	138	.....	133	.....	.....
.....	130	.....	139	.....	134	.....	.....
.....	131	.....	140	.....	135	.....	.....
.....	132	.....	141	.....	136	.....	.....
.....	133	.....	142	.....	137	.....	.....
.....	134	.....	143	.....	138	.....	.....
.....	135	.....	144	.....	139	.....	.....
.....	136	.....	145	.....	140	.....	.....
.....	137	.....	146	.....	141	.....	.....
.....	138	.....	147	.....	142	.....	.....
.....	139	.....	148	.....	143	.....	.....
.....	140	.....	149	.....	144	.....	.....
.....	141	.....	150	.....	145	.....	.....
.....	142	.....	151	.....	146	.....	.....
.....	143	.....	152	.....	147	.....	.....
.....	144	.....	153	.....	148	.....	.....
.....	145	.....	154	.....	149	.....	.....
.....	146	.....	155	.....	150	.....	.....
.....	147	.....	156	.....	151	.....	.....
.....	148	.....	157	.....	152	.....	.....
.....	149	.....	158	.....	153	.....	.....
.....	150	.....	159	.....	154	.....	.....
.....	151	.....	160	.....	155	.....	.....
.....	152	.....	161	.....	156	.....	.....
.....	153	.....	162	.....	157	.....	.....
.....	154	.....	163	.....	158	.....	.....
.....	155	.....	164	.....	159	.....	.....
.....	156	.....	165	.....	160	.....	.....
.....	157	.....	166	.....	161	.....	.....
.....	158	.....	167	.....	162	.....	.....
.....	159	.....	168	.....	163	.....	.....
.....	160	.....	169	.....	164	.....	.....
.....	161	.....	170	.....	165	.....	.....
.....	162	.....	171	.....	166	.....	.....
.....	163	.....	172	.....	167	.....	.....
.....	164	.....	173	.....	168	.....	.....
.....	165	.....	174	.....	169	.....	.....
.....	166	.....	175	.....	170	.....	.....
.....	167	.....	176	.....	171	.....	.....
.....	168	.....	177	.....	172	.....	

charify Texture	Sepals, Petals appressed spreading reflexed	versatile introrse extrorse pendulous Form sagittate peltate awned cordate obovate No. of Cells Dehiscence lateral	in-lobed emserted Flacotation free-central silvery arterial	Surface, a. b. c. Color Gen. Character ribbed grooved furrowed
calyx, Corolla & anamorphous Gamopetalous	sepals petals Form sepal cup-shaped cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped tubular ligulate lobate galeate ringent personate spurred inflated saccate	Form a. b. c. d. spurred petals a. b. c. d.	Ovules Kind orthotropous orthotropous campylotropous amphitropous Dit. in Ovary erect ascending horizontal pendulous suspended Number	SEED Number oblong ovate ovoid
Border	Stamens Number Position alternate opposite Insertion hypogynous perigynous epigynous gyva above on a disk epipetalous	Polloia Pollinia Pistil Kinds closed open Cohesion simple imbricate longitudinal Number Stigma Fertile terminal lateral sessile Form disoid lobed biliform linear Style Form filiform branching declinate Position terminal lateral basilar Number Surface, a. b. c. Ovary Adhesion superior inferior No. of Cells Form	Attachment sessile funiculate	Coats Surface, a. b. c. Color Texture
Polyepal us Polyepalous	Length long short didymous tetradynamous Cohesion synchronous asynchronous Gen. Features included exserted sessile connivent Filament Form capillary filiform	Number Surface, a. b. c. d. Attachment firmate adnate	Dehiscence sepaloid loboid circumscissile Kinds Trichy berry pepo pome Sono drope Dry achenium utricle samara follicle lezume capsule silique siliole pyxis Aggregate Accessory Multiple No. of Cells Odor Taste Pericarp Texture membranous coriaceous succulent	Albumen Quantity crystalline amorphous wing cond Texture Color
Duration	deciduous marcescent persistent Color calyx corolla Stridaco calyx ribbed nerved corolla throat	Embryo Form straight bent rolled Size Position as to Albumen outside inside Raido Direction Length Plumule Number Position Corymbous Form Size Number Texture	Appendages Surface, a. b. c. Color Texture	
Texture				

REMARKS:

ORDER:

No.

Name, { SCIENTIFIC,
{ COMMON,

LOCALITY,

DATE,

187

CHECK TABLE.

GENERAL FEATURES	8 hollow	9 spatulate	4 villous	..... symmetrical
Habit.	10 flexuose	10 oblong	5 silky	..... complete
..... terrestrial	11 geniculate	11 elliptical	6 woolly	..... perfect
..... aquatic	12 humid joint	12 oval	7 velvety	..... regular
..... parasitic	Surface	13 round	8 Blif Hairs	..... staminate
..... aerial	14 a. b. c	14 ovate	1 spinous	..... pistillate
Duration	Color	15 obovate	2 hispid	..... neutral
..... annual	Height	15 truncate	3 acute	
..... biennial	Underground	16 <i>Bulb</i>	4 spinous	
..... perennial	17 cornu	16 acuminatè	5 prickly	
	18 fiber	17 acute	Petiole	
	19 bulb	18 obtuse	Form	
Juice	LEAVES.	19 truncate	..... terete	
Color	Kinds	20 retuse	..... grooved	
Taste	1 sessile	20 emarginate	..... compressed	
Gen. Char.	2 peltate	21 cordate	..... leaf-like	
ROOT.	3 stipulate	22 auriculate	Kind	
Form	4 exstipulate	23 sagittate	..... margined	
..... conical	5 equitant	24 hastate	..... clasping	
..... fusiform	Arrangement	25 peltate	..... sheathing	
..... napiform	On the Stem.	26 reniform	Surface a. b. c.	
..... ramose	1 cauline	27 connate	Stipules	
..... solvent	2 radical	28 decurrent	Form	
..... fibrous	3 ramosal	29 <i>Apex</i>	a. b. c.	
..... fasciculate	Along the Axis.	1 alternate	Adhesion	
..... aerial	2 scattered	2 acuminatè	..... free	
	3 fasciculate	3 acute	..... clasping	
Gen. Char.	4 opposite	4 obtuse	Gen. Character	
	5 verticillate	5 truncatè	..... membranous	
STEM.	Duration	6 retuse	..... foliaceous	
..... exogenous	1 persistent	6 emarginate	..... spinous	
..... endogenous	2 deciduous	7 obtusulate	..... setaceous	
..... herbaceous	Vernation	8 auriculate	..... persistent	
..... suffruticose	1 imbricate	9 <i>Merrgin</i>	..... deciduous	
..... fruticose	2 succulent	10 entire	BRACCTS	
..... arborescent	3 rugos.	11 serrate	a. b. c.	
..... erect	4 coriaceous	12 dentate	Form	
..... decumbent	5 s. onis	13 crenate	a. b. c.	
..... diffuse	Venation	14 repand	Gen. Character	
..... prostrate	1 straight	15 imbricate	..... coriaceous	
..... creeping	2 curved	16 incised	..... petaloidous	
..... climbing	3 transverse	17 fringed	..... scarious	
..... twining	Nottd.	18 serrulate	..... membranous	
..... simple	1 pinnate	19 ciliate	..... spinous	
..... terete	2 3-nerved	20 lobed	INFLORESCENCE	
..... racemose	3 5-nerved	21 cleft	Termin.	
..... paniculate	4 radiate	22 paried	..... solitary	
..... corymbose	Form.	23 pectinate	..... symp.	
..... diffuse	1 Compound.	24 lyrate	..... fascic.	
..... deliquescent	2 palmate	25 runcinate	..... globose	
SpecialForms	3 foliate	26 divided	..... gemmate	
..... suckers	Simple, Loaters	27 <i>Surface</i>	..... verticillaster	
..... stolons	Gen. Outline	1 No Hairs	Axillary	
..... runners	1 filiform	2 glaucous	..... solitary	
..... thorns	2 acicular	3 verrucose	..... corymb	
Gen. Char.	3 areolate	4 subulate	..... umbel	
..... terete	4 linear	5 pubescent	..... panic.	
..... grooved	5 lanceolate	6 pilosè	..... thyrsus	
..... angled.	6 oblanccolate	7 Soft Hairs	..... spike	
..... solid		1 capitate	..... seta	
		2 head	..... stalk	
		3 FLOWER.	..... head	
		4 Kinds	..... alveolate	
			..... bristly	

chaffy Texture	included exserted	Surface, a, b, c
Calyx, Corolla Gamopetalous rotate saucer-shaped cup-shaped campanulate funnel-form salver-form ura-shaped top-shaped tubular lobulate bilabiate salicete ringent personate spurred bifid serrate	versatile inflexe extrorse pendulous Form sagittate petalate awned cordate lobed Dehiscences lateral Pollen	Gen. Character ribbed grooved furrowed
Stamens Number Position Insertion Length Duration Color	open valvate induplicate replicate imbricate contorted convolute plicate supervolute alternate opposite insertion perigynous epigynous on a disk lobed epipetalous long short didynamous tetradynamous adelphous syngenesious included exserted sessile comitvent Filament Form capillary filiform Surface, a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z	SEED Number Form oblong ovoid ovoid
Border truncate entire lobed cleft parted Pappus Cup scales awns bristles	Pollinia Pistil Kind open closed Cohesion simple multiple compound Stigma Position terminal lateral sessile Form discoid globose lobed filiform linear Style Form filiform branchin declinate Position terminal lateral basilar Number Surface, a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z	Attachment sessile funiculate Coats Surface, a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z
Polypetalous rosaceous lilieaceous cruciferous Caryophyllaceous papilionaceous anomalous	Kinds fleshy berry pepo pome Stone drupe Dry achenium utricle samara follicle legume capsule silique silicle pycnis Aggregate Accessory Multiple No. of Cells Odor Taste Pericarp Texture membranous coriaceous succulent	Albumen quantity Texture Color Embryo Form straight bent rolled Position as to Albumen outside inside Radicle Direction Length Stimulus Number Position Cotyledons Form Size Number Texture
Texture tuberculate ribbed nerved corolla throat	No. of Cells Odor Taste Pericarp Texture membranous coriaceous succulent	Surface, a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z

REMARKS:

ORDER: No.

Name, } SCIENTIFIC,
 } COMMON,
 LOCALITY,

DATE,

CHECK TABLE.

GENERAL FEATURES.

- Habit.**
 1. terrestrial
 2. aquatic
 3. parasitic
 4. aerial
Duration
 1. annual
 2. biennial
 3. per-annual

8. sputate
 9. oblong
 10. elliptical
 11. oval
 12. round
 13. ovate
 14. obovate
 15. cuneate
 16. acute
Surface
 1. glabrous
 2. tomentose
 3. pubescent
 4. villous
 5. silky
 6. woolly
 7. velvety

- symmetrical
 complete
 pinnate
 regular
 stipitate
 pustulate
 neutral
Odor
Prian
Stalk
 1. mucous
Stalk
 1. peduncle
 2. Length
 3. Surface, *a, b, c.*
 4. Pedicel
 5. Length
 6. Height
 7. Surface, *a, b, c.*
Involve
 1. Form
 2. vossaceous
 3. cup-shaped
 4. hemispherical
 5. bell-shaped
 6. cylindrical
 7. conical
 8. ovoid.

- Odor**
Juice
 1. Color
 2. Taste
Form
 1. conical
 2. fusiform
 3. napiform
 4. ramose
 5. fibrous
 6. fasciculate
 7. aerial

17. villous
 18. silky
 19. woolly
 20. velvety
Soft hairs
 1. neutrons
 2. hispid
 3. acute
 4. spinous
 5. prickly

- marginated
 clasping
 sheathing
 leaf-like
Kind
 1. margined
 2. clasping
 3. sheathing
 4. leaf-like
Surface *a, b, c.*
Length
Stipules
 1. Form
 2. Adhesive
 3. free
 4. adnate
 5. clasping
 6. membranous
 7. foliaceous
 8. spinous
 9. succulent
 10. persistent
 11. deciduous
 12. fugacious
Duration
 1. erect
 2. spreading
 3. reflexed
Form
a, b, c, d.
Surface *a, b, c.*
REMARKS
 1. pedicellous
 2. tomentous
 3. scabrous
 4. spinous
 5. rigid
 6. charty.

- Form**
 1. conical
 2. fusiform
 3. napiform
 4. ramose
 5. fibrous
 6. fasciculate
 7. aerial
Gen. Char.
STEM.
 1. exogenous
 2. endogenous

1. petiole
 2. Form
 3. terete
 4. grooved
 5. compressed
 6. leaf-like
Kind
 1. margined
 2. clasping
 3. sheathing
 4. leaf-like
Surface *a, b, c.*
Length
Stipules
 1. Form
 2. Adhesive
 3. free
 4. adnate
 5. clasping
 6. membranous
 7. foliaceous
 8. spinous
 9. succulent
 10. persistent
 11. deciduous
 12. fugacious
Duration
 1. erect
 2. spreading
 3. reflexed
Form
a, b, c, d.
Surface *a, b, c.*
REMARKS
 1. pedicellous
 2. tomentous
 3. scabrous
 4. spinous
 5. rigid
 6. charty.

1. petiole
 2. Form
 3. terete
 4. grooved
 5. compressed
 6. leaf-like
Kind
 1. margined
 2. clasping
 3. sheathing
 4. leaf-like
Surface *a, b, c.*
Length
Stipules
 1. Form
 2. Adhesive
 3. free
 4. adnate
 5. clasping
 6. membranous
 7. foliaceous
 8. spinous
 9. succulent
 10. persistent
 11. deciduous
 12. fugacious
Duration
 1. erect
 2. spreading
 3. reflexed
Form
a, b, c, d.
Surface *a, b, c.*
REMARKS
 1. pedicellous
 2. tomentous
 3. scabrous
 4. spinous
 5. rigid
 6. charty.

- Gen. Char.**
STEM.
 1. exogenous
 2. endogenous
Mature
 1. herbaceous
 2. suffruticose
 3. fruticose
 4. arborescent
 5. tharborescent
Dir. of Growth
 1. ascending
 2. decumbent
 3. divi-c
 4. prostrate
 5. creeping
 6. climbing
 7. twining
Branching
 1. simple
 2. forcate
 3. excurrent
 4. racemose
 5. paniculate
 6. corymbose
 7. diffuse
Special Forms
 1. stalks
 2. runners
 3. tendrils
 4. thorns
 5. terete
 6. striate
 7. grooved
 8. angled
 9. solid

1. scattered
 2. fasciculate
 3. opposite
 4. verticillate
Duration
 1. persistent
 2. deciduous
Vernation
 1. sacculent
 2. reticulate
 3. serrate
 4. dentate
 5. crenate
 6. repand
 7. sinuate
 8. imbricd
 9. fringed
 10. ciliate
 11. serrulate
 12. lobed
 13. cleft
 14. parted
 15. pectinate
 16. lyrate
 17. runcinate
 18. divided
Surface
 1. glabrous
 2. tomentose
 3. pubescent
 4. villous
 5. silky
 6. woolly
 7. velvety
Soft Hairs
 1. neutrons
 2. hispid
 3. acute
 4. spinous
 5. prickly

1. pedicellous
 2. tomentous
 3. scabrous
 4. spinous
 5. rigid
 6. charty.
INFLUENCE
Receptacle
 1. solitary
 2. cymic
 3. laseicel
 4. glomerate
 5. verticillate
Terminal
 1. raceme
 2. corymb
 3. umbel
 4. panicle
 5. thyrsus
 6. spike
 7. spadix
 8. catkin
 9. head
FLOWER
Kinds

- Gen. Char.**
STEM.
 1. exogenous
 2. endogenous
Mature
 1. herbaceous
 2. suffruticose
 3. fruticose
 4. arborescent
 5. tharborescent
Dir. of Growth
 1. ascending
 2. decumbent
 3. divi-c
 4. prostrate
 5. creeping
 6. climbing
 7. twining
Branching
 1. simple
 2. forcate
 3. excurrent
 4. racemose
 5. paniculate
 6. corymbose
 7. diffuse
Special Forms
 1. stalks
 2. runners
 3. tendrils
 4. thorns
 5. terete
 6. striate
 7. grooved
 8. angled
 9. solid

1. scattered
 2. fasciculate
 3. opposite
 4. verticillate
Duration
 1. persistent
 2. deciduous
Vernation
 1. sacculent
 2. reticulate
 3. serrate
 4. dentate
 5. crenate
 6. repand
 7. sinuate
 8. imbricd
 9. fringed
 10. ciliate
 11. serrulate
 12. lobed
 13. cleft
 14. parted
 15. pectinate
 16. lyrate
 17. runcinate
 18. divided
Surface
 1. glabrous
 2. tomentose
 3. pubescent
 4. villous
 5. silky
 6. woolly
 7. velvety
Soft Hairs
 1. neutrons
 2. hispid
 3. acute
 4. spinous
 5. prickly

1. pedicellous
 2. tomentous
 3. scabrous
 4. spinous
 5. rigid
 6. charty.
INFLUENCE
Receptacle
 1. solitary
 2. cymic
 3. laseicel
 4. glomerate
 5. verticillate
Terminal
 1. raceme
 2. corymb
 3. umbel
 4. panicle
 5. thyrsus
 6. spike
 7. spadix
 8. catkin
 9. head
FLOWER
Kinds

- Gen. Char.**
STEM.
 1. exogenous
 2. endogenous
Mature
 1. herbaceous
 2. suffruticose
 3. fruticose
 4. arborescent
 5. tharborescent
Dir. of Growth
 1. ascending
 2. decumbent
 3. divi-c
 4. prostrate
 5. creeping
 6. climbing
 7. twining
Branching
 1. simple
 2. forcate
 3. excurrent
 4. racemose
 5. paniculate
 6. corymbose
 7. diffuse
Special Forms
 1. stalks
 2. runners
 3. tendrils
 4. thorns
 5. terete
 6. striate
 7. grooved
 8. angled
 9. solid

1. scattered
 2. fasciculate
 3. opposite
 4. verticillate
Duration
 1. persistent
 2. deciduous
Vernation
 1. sacculent
 2. reticulate
 3. serrate
 4. dentate
 5. crenate
 6. repand
 7. sinuate
 8. imbricd
 9. fringed
 10. ciliate
 11. serrulate
 12. lobed
 13. cleft
 14. parted
 15. pectinate
 16. lyrate
 17. runcinate
 18. divided
Surface
 1. glabrous
 2. tomentose
 3. pubescent
 4. villous
 5. silky
 6. woolly
 7. velvety
Soft Hairs
 1. neutrons
 2. hispid
 3. acute
 4. spinous
 5. prickly

1. pedicellous
 2. tomentous
 3. scabrous
 4. spinous
 5. rigid
 6. charty.
INFLUENCE
Receptacle
 1. solitary
 2. cymic
 3. laseicel
 4. glomerate
 5. verticillate
Terminal
 1. raceme
 2. corymb
 3. umbel
 4. panicle
 5. thyrsus
 6. spike
 7. spadix
 8. catkin
 9. head
FLOWER
Kinds

CHECK TABLET.

GENERAL FEATURES

Habit.

- 1 terrestrial
- 2 aquatic
- 3 parasitic
- 4 aerial

Duration

- 1 annual
- 2 biennial
- 3 perennial

Odor

- 1 mucous

Juice

- 1 watery

Color.

- 1 white

Gen. Char.

- 1 simple

Form

- 1 fusiform
- 2 napiform
- 3 mucose
- 4 solvent
- 5 fibrous
- 6 fasciculate
- 7 reticul.

Gen. Char.

- 1 simple

STEM.

- 1 exogenous
- 2 endogenous

Nature

- 1 herbaceous
- 2 suffruticose
- 3 fruticose
- 4 arborescent
- 5 arboresc.
- 6 erect

Dir. of Growth

- 1 assurgent
- 2 decumbent
- 3 diffuse
- 4 prostrate
- 5 creeping
- 6 climbing
- 7 twining
- 8 simple

Branching

- 1 furcate
- 2 excurrent
- 3 racemose
- 4 paniculate
- 5 corymbose
- 6 diffuse

SpecialForms

- 1 stolons
- 2 suckers
- 3 runners
- 4 tendrils
- 5 thorns

Gen. Char.

- 1 striate
- 2 grooved
- 3 angled.
- 4 solid

- 8 hollow
- 9 flexuose
- 10 geniculate
- 11 tumid joint

Surface

- 1 a. b. c
- 2 ovate
- 3 obovate
- 4 cuneate
- 5 mucinate
- 6 acuminata
- 7 acute
- 8 obtuse
- 9 truncate
- 10 retuse
- 11 emarginate
- 12 cordate
- 13 auriculate
- 14 sagittate
- 15 hastate
- 16 peltate

Color

- 1 brown

Underground

- 1 tuber
- 2 bulb

LEAVES.

- 1 sessile
- 2 petiolate
- 3 stipulate
- 4 exstipulate
- 5 equitant
- 6 persistent
- 7 deciduous

Arrangement

- 1 on the stem.
- 2 cauline
- 3 radical
- 4 basal
- 5 alternate.
- 6 scattered
- 7 fasciculate
- 8 opposite
- 9 verticillate

Duration

- 1 persistent
- 2 deciduous
- 3 deciduous
- 4 deciduous
- 5 deciduous
- 6 deciduous
- 7 deciduous
- 8 deciduous
- 9 deciduous
- 10 deciduous

Vernation

- 1 succulent
- 2 coriaceous
- 3 rugose
- 4 S. a. o. u. s.
- 5 parallel.
- 6 straight
- 7 curved
- 8 transverse

Texture

- 1 d. M. c. p. n.
- 2 rev. white
- 3 entire
- 4 serrate
- 5 denate
- 6 crenate
- 7 repand
- 8 sinuate
- 9 incised
- 10 fringed
- 11 ciliate
- 12 serrulate
- 13 lobed
- 14 cleft
- 15 pectinate
- 16 lyrate
- 17 runcinate
- 18 divided

Venation.

- 1 S. a. o. u. s.
- 2 parallel.
- 3 straight
- 4 curved
- 5 transverse
- 6 pinnate
- 7 5-nerved
- 8 5-nerved
- 9 radiate

Form.

- 1 Compound.
- 2 pinnate
- 3 palmate
- 4 foliate

Surface

- 1 No hairs
- 2 glabrous
- 3 pubescent
- 4 pubescent
- 5 verrucose
- 6 striate
- 7 tubulate
- 8 linear
- 9 lanceolate
- 10 oblanceolate

Simple, Joints

- 1 Gen. *Oxalis*
- 2 fluitans
- 3 acicular
- 4 acrose
- 5 subulate
- 6 linear
- 7 lanceolate
- 8 oblanceolate

- 4 villous
- 5 silky
- 6 woolly
- 7 velvety
- 8 striate

Hair Hairs

- 1 scabrous
- 2 hispid
- 3 ciliate
- 4 spinous
- 5 prickly

Petiole

- 1 Form
- 2 terete
- 3 grooved
- 4 compressed
- 5 leaf-like

Kind

- 1 margined
- 2 clasping
- 3 sheathing
- 4 Surface a. b. c. e.
- 5 Length

Stipules

- 1 a. b. c. e. d.
- 2 Adhesion
- 3 free
- 4 clasping
- 5 membranous
- 6 foliaceous
- 7 spinous
- 8 deciduous
- 9 persistent
- 10 fragrantous

BRACTS

- 1 a. b. c. e. d.
- 2 Surface a. b. c. e.
- 3 ven. Character
- 4 tomentous
- 5 petalobous
- 6 membranous
- 7 spinous

Terminal

- 1 solitary
- 2 raceme
- 3 corymb
- 4 umbel
- 5 panic
- 6 thyrse
- 7 spike
- 8 spatix
- 9 catkin
- 10 head

Axillary

- 1 Solitary
- 2 raceme
- 3 corymb
- 4 umbel
- 5 panic
- 6 thyrse
- 7 spike
- 8 spatix
- 9 catkin
- 10 head

FLOWER.

- 1 Kinds

- 1 symmetrical
- 2 complete
- 3 perfect
- 4 regular
- 5 staminate
- 6 neutral

Odor

- 1 mucous

Plan

- 1 Peduncle
- 2 Length
- 3 Surface a. b. c. e.
- 4 Petiole
- 5 Length
- 6 Height
- 7 Surface a. b. c. e.
- 8 Form

Involute

- 1 rosaceous
- 2 cup-shaped
- 3 hemispherical
- 4 bell-shaped
- 5 cylindrical
- 6 conical
- 7 ovoid

Scapes

- 1 No. of roots.
- 2 Number.
- 3 Direction.
- 4 appressed
- 5 erect
- 6 spreading
- 7 relieved

Form

- 1 a. b. c. e. d.
- 2 Surface a. b. c. e.
- 3 ven. Character
- 4 tomentous
- 5 petalobous
- 6 membranous
- 7 spinous

Receptacle

- 1 urn-shaped
- 2 concave
- 3 flat
- 4 cylindrical
- 5 elongated
- 6 conical
- 7 convex
- 8 hemispherical
- 9 Disk.
- 10 hypogynous
- 11 perigynous
- 12 epigynous

Surface

- 1 naked
- 2 smooth
- 3 punctate
- 4 areolate
- 5 bristly

.....chuffy Texture	.....versatile introrse extrorse pendulous Form	.....included exserted	.....Surface, <i>a. b. c.</i> Color
Calyx-Corolla.....gamopetalous	.....sepal.....petal Form	.....free-central.....axillary.....perianth	.....Gen. Character.....ribbed.....furrowed
.....rotate	.....sepal.....petal Form	.....ovules Kind	SEED.....Number
.....cup-shaped	.....spurred	.....orthotropous.....campylotropous.....anatropous.....amphitropous	.....Form.....oblong.....ovate.....ovoid
.....limb-form	.....petals	.....Dir. in Ovary	Attachment.....sessile.....scissile.....funiculate
.....arm-shaped	.....a. b. c. d.	.....ascend.....pendulous.....suspended	Coats.....Surface, <i>a. b. c.</i> Color Texture
.....top-shalved	Aestivation	FRUIT	Appendages.....anther.....strophole.....wing
.....lobular	.....valvate.....induplicate.....reduplicate.....imbricate.....contorted.....convolute.....plcate.....superovul	.....scapitoid.....locular.....circumscissile	.....Quantity
.....ligulate	Stamens	Kinds	.....Texture Color
.....lobate	.....Number	Fleshy	Embryo Form.....straight.....bent.....rolled
.....lobed	.....position	.....berry.....pepo.....pome	.....Size
.....cleft	.....alternate	.....stomo	Position as to Albumen.....outside.....inside
.....pariet	.....opposite	.....drupe	Radicle.....Direction.....Length
Pappus	Insertion	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Plumule.....Number.....Position
.....cup	.....hypogynous	.....Dry	.....Coryleous Form
.....scaly	.....perigynous	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Size.....Number.....Texture
.....scales	.....avans	.....Stomo	.....Form
.....bristles	.....gynandrous.....on a disk.....epicalous	.....Dry	.....Plumule.....Number.....Position
Polygal us	Length	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Coryleous Form
Polytelous	.....long.....short	.....Stomo	.....Size.....Number.....Texture
.....filiceous	.....didynamous	.....Dry	.....Plumule.....Number.....Position
.....cruciferous	.....tetradynamous	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Coryleous Form
.....curryhollaceous	Cohesion	.....Stomo	.....Size.....Number.....Texture
.....papilionaceous	.....adelphous.....syngenesious	.....Dry	.....Plumule.....Number.....Position
.....anomalous	.....Gen. Features	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Coryleous Form
.....deciduous	.....included	.....Stomo	.....Size.....Number.....Texture
.....marcescent	.....sessile	.....Dry	.....Plumule.....Number.....Position
.....persistent	.....convolvent	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Coryleous Form
Color	Filament	.....Stomo	.....Size.....Number.....Texture
.....calyx	.....capillary.....filiform	.....Dry	.....Plumule.....Number.....Position
.....corolla	.....Surface, <i>a. b. c. d.</i>	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Coryleous Form
Striaco	Attachment	.....Stomo	.....Size.....Number.....Texture
.....ribbed	.....imbricate	.....Dry	.....Plumule.....Number.....Position
.....nerved	.....Surface, <i>a. b. c. d.</i>	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Coryleous Form
.....corolla	.....Gen. Features	.....Stomo	.....Size.....Number.....Texture
.....throat	.....Surface, <i>a. b. c. d.</i>	.....achonium.....urlicke.....samarra.....follicle.....hermie.....capsule.....silique.....silicle	.....Coryleous Form
Texture	.....Gen. Features	.....Stomo	.....Size.....Number.....Texture

REMARKS:

ORDER:

No.

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE,

187.

.....chafly Texture	.....Sopalis, Petals appressed spreading reflexed	.....versatile introrse extrorse pendulous Form	.....included exserted	.....Surface, <i>a. b. c.</i> Color
Calyx, Corolla Campanulatus Gamopetalous.....rotate.....saucer-shaped.....cup-shaped.....campanulate.....funnel-form.....silver-form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....galeate.....ringent.....perianate.....spurred.....indented.....secate	.....sepals.....petals Form.....a. b. c. d. .....spurred.....petals.....a. b. c. d.	.....sagittate.....peltate.....awned.....cordate.....lobed No. of Cells, Dehiscence.....lateral.....Pollen.....Pellinia	.....free-central.....axillary.....parietal	.....Gen. Character ribbed grooved furrowed
Stamens Number.....alternate.....opposite.....inacron.....hypogynous.....perigynous.....epigynous.....syn-atrious.....epitubular.....epitubular.....Length.....long.....short.....atrous.....curvoplylaccous.....papilionaceous.....anomalous.....Duration.....deciduous.....marcescent.....persistent Color.....calyx.....corolla Surface.....calyx.....ribbed.....nerved.....corolla.....throat	.....Position.....opposite.....inacron.....hypogynous.....perigynous.....epigynous.....syn-atrious.....epitubular.....epitubular.....Length.....long.....short.....atrous.....curvoplylaccous.....papilionaceous.....anomalous.....Duration.....deciduous.....marcescent.....persistent Color.....calyx.....corolla Surface.....calyx.....ribbed.....nerved.....corolla.....throat	.....closed.....open Cohesion.....simple.....multiple.....compound Stigma.....terminal.....lateral.....sessile Form.....discoid.....obovate.....lobed.....bilobed.....bilobed.....linear Style.....bilobed.....filiform.....branched.....deciduate Position.....terminal.....lateral.....basilar Number.....Ovary.....Adhesea.....superior.....half-superior.....inferior No. of Cells Form Surface, <i>a. b. c.</i> Gen. Features	.....Kinds.....ascending.....pendulous.....suspended Number.....FRUIT Dehiscence.....sepaloid.....allicidal.....septifragal.....circumscissile Kinds.....Berry.....Pepo.....Bane.....Stems.....drupe Dry.....achenium.....utricle.....samara.....lodicule.....kegume.....capsule.....silique.....silicle.....pynxis Aggregate.....Accessory.....Multiple No. of Cells Odor Taste Percarp Texture.....membranous.....coriaceous.....succulent	.....Form.....Number.....Form
Texture	.....Filament Form.....capillary.....filiform Surface, <i>a. b. c. d.</i> .....Thread Attachment.....innate.....adnate	.....Surface, <i>a. b. c.</i> Gen. Features	.....Attachment.....sessile.....funiculate Coats Surface, <i>a. b. c. d.</i> .....Tortex Color.....Albumen quantity Texture Color Embryo Form.....Slight.....rolled Size Position as to Albumen.....outside.....inside.....Radicle Direction Length Furrows Position.....Coppedans Form Size Number Texture	.....Appendages.....caruncle.....amphiochne.....coma Albumen quantity Texture Color Embryo Form.....Slight.....rolled Size Position as to Albumen.....outside.....inside.....Radicle Direction Length Furrows Position.....Coppedans Form Size Number Texture

REMARKS:

ORDER: No.

Name, { SCIENTIFIC,
COMMON,

LOCALITY, DATE, 187

CHECK TABLET.

GENERAL FEATURES	8	hollow	4	spatulate	1	symmetrical
Habit.	9	flexuose	5	oblong	2	complete
terrestrial	10	geniculate	6	elliptical	3	perfect
aquatic	11	tumid joint	7	oval	4	regular
subaqueous	12	Surface	8	round	5	staminate
erial	13	a. b. c.	9	ovate	6	planiate
Duration	14	Color	10	obovate	7	neutral
annual	15	Height	11	cuneate	8	Odor
biennial	16	Underground	12	Base	9	Plan
perennial	17	Form	13	acuminate	10	Stalk
	18	Color	14	acute	11	Length
	19	Taste	15	obtusate	12	Surface
	20	Gen. Char.	16	truncate	13	a. b. c.
		ROOT.	17	retuse	14	Length
		Form	18	emarginate	15	Height
		conical	19	cordate	16	Surface
		fusiform	20	auriculate	17	Kind
		nupiform	1	sagittate	18	marginated
		ramose	2	lobate	19	clasping
		solvent	3	bilobate	20	sheathing
		fibrous	4	peinate	1	Involute
		fasciculate	5	reclinate	2	Form
		aerial	6	obovate	3	Surface
			7	oblong	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
			10	obovate	7	Surface
			11	obovate	8	a. b. c.
			12	obovate	9	Length
			13	obovate	10	Height
			14	obovate	11	Surface
			15	obovate	12	a. b. c.
			16	obovate	13	Length
			17	obovate	14	Height
			18	obovate	15	Surface
			19	obovate	16	a. b. c.
			20	obovate	17	Length
			1	obovate	18	Height
			2	obovate	19	Surface
			3	obovate	20	a. b. c.
			4	obovate	1	Length
			5	obovate	2	Height
			6	obovate	3	Surface
			7	obovate	4	a. b. c.
			8	obovate	5	Length
			9	obovate	6	Height
	</					

CHECK TABLET.

GENERAL FEATURES.	1	..... hollow	8	..... spatulate	1	..... villous	1	..... symmetrical
Habit.	2	..... flexuose	9	..... oblong	2	..... silky	2	..... complete
..... terrestrial	3	..... geminate	10	..... elliptical	3	..... woolly	3	..... perfect
..... aquatic	4	..... tumid joint	11	..... oval	4	..... velvety	4	..... regular
..... parasitic	5	..... a. b. c.	12	..... rotund	5	..... stiff hairs	5	..... striatulate
..... aerial	6	..... a. b. c.	13	..... ovate	6	..... hispid	6	..... pilistilate
Duration	7	..... annual	14	..... cuneate	7	..... stipitate	7	..... neutral
..... biennial	8	..... biannual	15	.....	8	.....	8	.....
..... per-annual	9	.....	16	.....	9	.....	9	.....
Odor	10	.....	17	.....	10	.....	10	.....
Juice	11	.....	18	.....	11	.....	11	.....
..... color	12	.....	19	.....	12	.....	12	.....
..... taste	13	.....	20	.....	13	.....	13	.....
ROOT.	21	.....	21	.....	21	.....	21	.....
Form	22	.....	22	.....	22	.....	22	.....
..... conical	23	.....	23	.....	23	.....	23	.....
..... fusiform	24	.....	24	.....	24	.....	24	.....
..... nupiform	25	.....	25	.....	25	.....	25	.....
..... ramose	26	.....	26	.....	26	.....	26	.....
..... solvent	27	.....	27	.....	27	.....	27	.....
..... fibrous	28	.....	28	.....	28	.....	28	.....
..... fasciculate	29	.....	29	.....	29	.....	29	.....
..... aerial	30	.....	30	.....	30	.....	30	.....
Gen. Char.	31	.....	31	.....	31	.....	31	.....
STEM.	32	.....	32	.....	32	.....	32	.....
..... exogenous	33	.....	33	.....	33	.....	33	.....
..... endogenous	34	.....	34	.....	34	.....	34	.....
Mature	35	.....	35	.....	35	.....	35	.....
..... herbaceous	36	.....	36	.....	36	.....	36	.....
..... suffruticose	37	.....	37	.....	37	.....	37	.....
..... fruticose	38	.....	38	.....	38	.....	38	.....
..... arborescent	39	.....	39	.....	39	.....	39	.....
..... arborescent	40	.....	40	.....	40	.....	40	.....
Dir. of Growth	41	.....	41	.....	41	.....	41	.....
..... ascending	42	.....	42	.....	42	.....	42	.....
..... decumbent	43	.....	43	.....	43	.....	43	.....
..... diffuse	44	.....	44	.....	44	.....	44	.....
..... prostrate	45	.....	45	.....	45	.....	45	.....
..... creeping	46	.....	46	.....	46	.....	46	.....
..... climbing	47	.....	47	.....	47	.....	47	.....
..... twining	48	.....	48	.....	48	.....	48	.....
Branching	49	.....	49	.....	49	.....	49	.....
..... simple	50	.....	50	.....	50	.....	50	.....
..... furcate	51	.....	51	.....	51	.....	51	.....
..... excurrent	52	.....	52	.....	52	.....	52	.....
..... racemose	53	.....	53	.....	53	.....	53	.....
..... paniculate	54	.....	54	.....	54	.....	54	.....
..... corymbose	55	.....	55	.....	55	.....	55	.....
..... diffuse	56	.....	56	.....	56	.....	56	.....
Special Forms	57	.....	57	.....	57	.....	57	.....
..... solon	58	.....	58	.....	58	.....	58	.....
..... oblique	59	.....	59	.....	59	.....	59	.....
..... runners	60	.....	60	.....	60	.....	60	.....
..... tendrils	61	.....	61	.....	61	.....	61	.....
Gen. Char.	62	.....	62	.....	62	.....	62	.....
..... terete	63	.....	63	.....	63	.....	63	.....
..... striate	64	.....	64	.....	64	.....	64	.....
..... grooved	65	.....	65	.....	65	.....	65	.....
..... angled.	66	.....	66	.....	66	.....	66	.....
..... solid	67	.....	67	.....	67	.....	67	.....
.....	68	.....	68	.....	68	.....	68	.....
.....	69	.....	69	.....	69	.....	69	.....
.....	70	.....	70	.....	70	.....	70	.....
.....	71	.....	71	.....	71	.....	71	.....
.....	72	.....	72	.....	72	.....	72	.....
.....	73	.....	73	.....	73	.....	73	.....
.....	74	.....	74	.....	74	.....	74	.....
.....	75	.....	75	.....	75	.....	75	.....
.....	76	.....	76	.....	76	.....	76	.....
.....	77	.....	77	.....	77	.....	77	.....
.....	78	.....	78	.....	78	.....	78	.....
.....	79	.....	79	.....	79	.....	79	.....
.....	80	.....	80	.....	80	.....	80	.....
.....	81	.....	81	.....	81	.....	81	.....
.....	82	.....	82	.....	82	.....	82	.....
.....	83	.....	83	.....	83	.....	83	.....
.....	84	.....	84	.....	84	.....	84	.....
.....	85	.....	85	.....	85	.....	85	.....
.....	86	.....	86	.....	86	.....	86	.....
.....	87	.....	87	.....	87	.....	87	.....
.....	88	.....	88	.....	88	.....	88	.....
.....	89	.....	89	.....	89	.....	89	.....
.....	90	.....	90	.....	90	.....	90	.....
.....	91	.....	91	.....	91	.....	91	.....
.....	92	.....	92	.....	92	.....	92	.....
.....	93	.....	93	.....	93	.....	93	.....
.....	94	.....	94	.....	94	.....	94	.....
.....	95	.....	95	.....	95	.....	95	.....
.....	96	.....	96	.....	96	.....	96	.....
.....	97	.....	97	.....	97	.....	97	.....
.....	98	.....	98	.....	98	.....	98	.....
.....	99	.....	99	.....	99	.....	99	.....
.....	100	.....	100	.....	100	.....	100	.....
.....	101	.....	101	.....	101	.....	101	.....
.....	102	.....	102	.....	102	.....	102	.....
.....	103	.....	103	.....	103	.....	103	.....
.....	104	.....	104	.....	104	.....	104	.....
.....	105	.....	105	.....	105	.....	105	.....
.....	106	.....	106	.....	106	.....	106	.....
.....	107	.....	107	.....	107	.....	107	.....
.....	108	.....	108	.....	108	.....	108	.....
.....	109	.....	109	.....	109	.....	109	.....
.....	110	.....	110	.....	110	.....	110	.....
.....	111	.....	111	.....	111	.....	111	.....
.....	112	.....	112	.....	112	.....	112	.....
.....	113	.....	113	.....	113	.....	113	.....
.....	114	.....	114	.....	114	.....	114	.....
.....	115	.....	115	.....	115	.....	115	.....
.....	116	.....	116	.....	116	.....	116	.....
.....	117	.....	117	.....	117	.....	117	.....
.....	118	.....	118	.....	118	.....	118	.....
.....	119	.....	119	.....	119	.....	119	.....
.....	120	.....	120	.....	120	.....	120	.....
.....	121	.....	121	.....	121	.....	121	.....
.....	122	.....	122	.....	122	.....	122	.....
.....	123	.....	123	.....	123	.....	123	.....
.....	124	.....	124	.....	124	.....	124	.....
.....	125	.....	125	.....	125	.....	125	.....
.....	126	.....	126	.....	126	.....	126	.....
.....	127	.....	127	.....	127	.....	127	.....
.....	128	.....	128	.....	128	.....	128	.....
.....	129	.....	129	.....	129	.....	129	.....
.....	130	.....	130	.....	130	.....	130	.....
.....	131	.....	131	.....	131	.....	131	.....
.....	132	.....	132	.....	132	.....	132	.....
.....	133	.....	133	.....	133	.....	133	.....
.....	134	.....	134	.....	134	.....	134	.....
.....	135	.....	135	.....	135	.....	135	.....
.....	136	.....	136	.....	136	.....	136	.....
.....	137	.....	137	.....	137	.....	137	.....
.....	138	.....	138	.....	138	.....	138	.....
.....	139	.....	139	.....	139	.....	139	.....
.....	140	.....	140	.....	140	.....	140	.....
.....	141	.....	141	.....	141	.....	141	.....
.....	142	.....	142	.....	142	.....	142	.....
.....	143	.....	143	.....	143	.....	143	.....
.....	144	.....	144	.....	144	.....	144	.....
.....	145	.....	145	.....	145	.....	145	.....
.....	146	.....	146	.....	146	.....	146	.....
.....	147	.....	147	.....	147	.....	147	.....
.....	148	.....	148	.....	148	.....	148	.....
.....	149	.....	149	.....	149	.....	149	.....
.....	150	.....	150	.....	150	.....	150	.....
.....	151	.....	151	.....	151	.....	151	.....
.....	152	.....	152	.....	152	.....	152	.....
.....	153	.....	153	.....	153	.....	153	.....
.....	154	.....	154	.....	154	.....	154	.....
.....	155	.....	155	.....	155	.....	155	.....
.....	156	.....	156	.....	156	.....	156	.....
.....	157	.....	157	.....	157	.....	157	.....
.....	158	.....	158	.....	158	.....	158	.....
.....	159	.....	159	.....	159	.....	159	.....
.....	160	.....	160	.....	160	.....	160	.....
.....	161	.....	161	.....	161	.....	161	.....
.....	162	.....	162	.....	162	.....	162	.....
.....	163	.....	163	.....	163	.....	163	.....
.....	164	.....	164	.....	164	.....	164	.....
.....	165	.....	165	.....	165	.....	165	.....
.....	166	.....	166	.....	166	.....	166	.....
.....	167	.....	167	.....	167	.....	167</

CHECK TABLET.

GENERAL FEATURES.	hollow	S	..... spatulate	4	..... symmetrical
Habit.	flexuose	9	..... oblong	5	..... complete
..... terrestrial	geminate	10	..... elliptical	6	..... perfect
..... aquatic	humid joint	11	..... oval	7	..... regular
..... parasitic	.....	12	..... round	3	..... staminate
Duration	..... a. b. c	13	..... ovate	1	..... pistillate
..... aerial	..... obovate	14	..... cuneate	1	..... neutral
..... annual	..... cuneate	15	.....	3	.....
..... biennial	.....	16	.....	3	.....
..... per-annual	.....	17	.....	5	.....
Odor	corn	b	..... acuminate	0	..... microns
.....	ruber	2	..... acute	0	.....
Juice	balb	3	..... obtuse	0	Stalk
Color	..... sessile	4	..... truncate	0	..... footstalk
LEAVES.	..... stipulate	5	..... retuse	0	Length
Kinds	..... stipulate	6	..... emarginate	0	..... a. b. c.
.....	..... exspatulate	7	..... cordate	0	Surface
.....	..... equitant	8	..... auriculate	0	..... a. b. c.
.....	.....	9	..... sagittate	0	Length
.....	..... hastate	10	..... hastate	0	.....
.....	..... peltate	11	..... reniform	0	Height
Arrangement	..... clasping	12	..... comitate	0	..... a. b. c.
On the Stem.	..... cauline	13	..... decurrent	0	Surface
.....	..... radical	14	.....	0	..... a. b. c.
.....	..... ramal	15	.....	0	Length
Along the Axis.	..... alternate.	16	.....	0	.....
.....	..... scattered.	17	.....	0	Kind
.....	..... rosulate	18	.....	0	.....
.....	..... fasciculate	19	.....	0	Shape
.....	..... opposite	20	.....	0	.....
.....	..... verticillate	21	.....	0	Surface
Duration	..... persistent	22	.....	0	.....
.....	..... deciduous	23	.....	0	Kind
Vernation	.....	24	.....	0	.....
Texture	..... succulent	a	.....	0	Shape
.....	..... coriaceous	1	.....	0	.....
.....	..... rugose	2	.....	0	Surface
.....	..... s. a. b. c. d. e.	3	.....	0	.....
Venation	..... parallel.	4	.....	0	Kind
.....	..... straight	5	.....	0	.....
.....	..... curved	6	.....	0	Surface
.....	..... transverse	7	.....	0	.....
Netted.	.....	8	.....	0	Kind
.....	..... pinnate	9	.....	0	.....
.....	..... 3-nerved	10	.....	0	Surface
.....	..... radiate	11	.....	0	.....
Form.	.....	12	.....	0	Kind
.....	..... palmate	13	.....	0	.....
.....	..... lobate	14	.....	0	Surface
Simple, Leaflets	.....	15	.....	0	.....
Gen. Outline	.....	16	.....	0	Kind
1	..... filiform	17	.....	0	.....
2	..... acicular	18	.....	0	Surface
3	..... acrose	19	.....	0	.....
4	..... subulate	20	.....	0	Kind
5	..... linear	21	.....	0	.....
6	..... lanceolate	22	.....	0	Surface
7	..... oblanceolate	23	.....	0	.....
GENERAL FEATURES.	terrestrial	4	..... villous	4	.....
Habit.	wooly	5	..... silky	5	.....
..... regular	velvety	6	.....	7	.....
Duration	.....	7	.....	3	.....
.....	.....	8	.....	3	Stipules
.....	.....	9	.....	1	.....
.....	.....	10	.....	1	Surface
.....	.....	11	.....	1	.....
.....	.....	12	.....	3	Kind
.....	.....	13	.....	3	.....
.....	.....	14	.....	3	Shape
.....	.....	15	.....	3	.....
.....	.....	16	.....	3	Surface
.....	.....	17	.....	3	.....
.....	.....	18	.....	3	Kind
.....	.....	19	.....	3	.....
.....	.....	20	.....	3	Surface
.....	.....	21	.....	3	.....
.....	.....	22	.....	3	Kind
.....	.....	23	.....	3	.....
.....	.....	24	.....	3	Surface
.....	.....	25	.....	3	.....
.....	.....	26	.....	3	Kind
.....	.....	27	.....	3	.....
.....	.....	28	.....	3	Surface
.....	.....	29	.....	3	.....
.....	.....	30	.....	3	Kind
.....	.....	31	.....	3	.....
.....	.....	32	.....	3	Surface
.....	.....	33	.....	3	.....
.....	.....	34	.....	3	Kind
.....	.....	35	.....	3	.....
.....	.....	36	.....	3	Surface
.....	.....	37	.....	3	.....
.....	.....	38	.....	3	Kind
.....	.....	39	.....	3	.....
.....	.....	40	.....	3	Surface
.....	.....	41	.....	3	.....
.....	.....	42	.....	3	Kind
.....	.....	43	.....	3	.....
.....	.....	44	.....	3	Surface
.....	.....	45	.....	3	.....
.....	.....	46	.....	3	Kind
.....	.....	47	.....	3	.....
.....	.....	48	.....	3	Surface
.....	.....	49	.....	3	.....
.....	.....	50	.....	3	Kind
.....	.....	51	.....	3	.....
.....	.....	52	.....	3	Surface
.....	.....	53	.....	3	.....
.....	.....	54	.....	3	Kind
.....	.....	55	.....	3	.....
.....	.....	56	.....	3	Surface
.....	.....	57	.....	3	.....
.....	.....	58	.....	3	Kind
.....	.....	59	.....	3	.....
.....	.....	60	.....	3	Surface
.....	.....	61	.....	3	.....
.....	.....	62	.....	3	Kind
.....	.....	63	.....	3	.....
.....	.....	64	.....	3	Surface
.....	.....	65	.....	3	.....
.....	.....	66	.....	3	Kind
.....	.....	67	.....	3	.....
.....	.....	68	.....	3	Surface
.....	.....	69	.....	3	.....
.....	.....	70	.....	3	Kind
.....	.....	71	.....	3	.....
.....	.....	72	.....	3	Surface
.....	.....	73	.....	3	.....
.....	.....	74	.....	3	Kind
.....	.....	75	.....	3	.....
.....	.....	76	.....	3	Surface
.....	.....	77	.....	3	.....
.....	.....	78	.....	3	Kind
.....	.....	79	.....	3	.....
.....	.....	80	.....	3	Surface
.....	.....	81	.....	3	.....
.....	.....	82	.....	3	Kind
.....	.....	83	.....	3	.....
.....	.....	84	.....	3	Surface
.....	.....	85	.....	3	.....
.....	.....	86	.....	3	Kind
.....	.....	87	.....	3	.....
.....	.....	88	.....	3	Surface
.....	.....	89	.....	3	.....
.....	.....	90	.....	3	Kind
.....	.....	91	.....	3	.....
.....	.....	92	.....	3	Surface
.....	.....	93	.....	3	.....
.....	.....	94	.....	3	Kind
.....	.....	95	.....	3	.....
.....	.....	96	.....	3	Surface
.....	.....	97	.....	3	.....
.....	.....	98	.....	3	Kind
.....	.....	99	.....	3	.....
.....	.....	100	.....	3	Surface
.....	.....	101	.....	3	.....
.....	.....	102	.....	3	Kind
.....	.....	103	.....	3	.....
.....	.....	104	.....	3	Surface
.....	.....	105	.....	3	.....
.....	.....	106	.....	3	Kind
.....	.....	107	.....	3	.....
.....	.....	108	.....	3	Surface
.....	.....	109	.....	3	.....
.....	.....	110	.....	3	Kind
.....	.....	111	.....	3	.....
.....	.....	112	.....	3	Surface
.....	.....	113	.....	3	.....
.....	.....	114	.....	3	Kind
.....	.....	115	.....	3	.....
.....	.....	116	.....	3	Surface
.....	.....	117	.....	3	.....
.....	.....	118	.....	3	Kind
.....	.....	119	.....	3	.....
.....	.....	120	.....	3	Surface
.....	.....	121	.....	3	.....
.....	.....	122	.....	3	Kind
.....	.....	123	.....	3	.....
.....	.....	124	.....	3	Surface
.....	.....	125	.....	3	.....
.....	.....	126	.....	3	Kind
.....	.....	127	.....	3	.....
.....	.....	128	.....	3	Surface
.....	.....	129	.....	3	.....
.....	.....	130	.....	3	Kind
.....	.....	131	.....	3	.....
.....	.....	132	.....	3	Surface
.....	.....	133	.....	3	.....
.....	.....	134	.....	3	Kind
.....	.....	135	.....	3	.....
.....	.....	136	.....	3	Surface
.....	.....	137	.....	3	.....
.....	.....	138	.....	3	Kind
.....	.....	139	.....	3	.....
.....	.....	140	.....	3	Surface
.....	.....	141	.....	3	.....
.....	.....	142	.....	3	Kind
.....	.....	143	.....	3	.....
.....	.....	144	.....	3	Surface
.....	.....	145	.....	3	.....
.....	.....	146	.....	3	Kind
.....	.....	147	.....	3	.....
.....	.....	148	.....	3	Surface
.....	.....	149	.....	3	.....
.....	.....	150	.....	3	Kind
.....	.....	151	.....	3	.....
.....	.....	152	.....	3	Surface
.....	.....	153	.....	3	.....
.....	.....	154	.....	3	Kind
.....	.....	155	.....	3	.....
.....	.....	156	.....	3	Surface
.....	.....	157	.....	3	.....
.....	.....	158	.....	3	Kind
.....	.....	159	.....	3	.....
.....	.....	160	.....	3	Surface
.....	.....	161	.....	3	.....
.....	.....	162	.....	3	Kind
.....	.....	163	.....	3	.....
.....	.....	164	.....	3	Surface
.....	.....	165	.....	3	.....
.....	.....	166	.....	3	Kind
.....	.....	167	.....	3	.....
.....	.....	168	.....	3	Surface
.....	.....	169	.....	3	.....
.....	.....	170	.....	3	Kind
.....	.....	171	.....	3	.....
.....	.....	172	.....	3	Surface
.....	.....	173	.....	3	.....
.....	.....	174	.....	3	Kind
.....	.....	175	.....	3	.....
.....					

.....chafly Texture	Sepals, Petals.....appressed.....spreading.....reflexed.....sepalis.....petals Form.....sepalis.....d. c. d. .....spurred.....petals.....a. b. c. d. .....a. b. c. d.	.....versatile.....nitrose.....extense.....pendulous Form.....sagittate.....peltate.....ovoid.....cordate <i>No. of Cells</i> <i>Dehiscence</i>.....lateral.....folien	.....included.....exserted	<i>Surface, a. b. c.</i> Color Gen. Character.....ribbed.....furrowed
Calyx, Corolla.....campanulatus.....gamopetalous.....lobate.....saucer-shaped.....cup-shaped.....campanulate.....funnel-form.....silver-form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....galeate.....ringent.....peronate.....spurred.....inflated.....saccate	Aestivation.....open.....valvate.....induplicate.....replicate.....imbriate.....contorted.....convolute.....plicate.....superst. 3	.....closed.....open Cohesion.....simple.....multiple.....compound	SEED Number Form.....oblong.....ovate.....ovoid	Attachment.....sessile.....funiculate Coats.....funiculate <i>Surface, a. b. c.</i> Color Texture
Stamens Number Position.....opposite.....incurved.....perigonous.....epigynous.....gynandrous.....on a disk.....epipetalous Length.....long.....short.....didynamous.....tetradynamous Cohesion.....adcliphous.....syngenesious.....included.....exserted.....sessile.....connivent Filament Form.....capillary.....filiform	Pistil Kinds.....closed.....open Cohesion.....simple.....multiple.....compound Stigma Number Position.....terminal.....lateral.....sessile Form.....discoid.....lobed.....filiform.....linear Style Form.....filiform.....branching.....declinate Position.....terminal.....lateral.....basilar Number <i>Surface, a. b. c.</i> Ovary Adhesion.....superior.....half-superior.....inferior <i>No. of Cells</i> Form.....b. c. <i>Surface</i> Gen. Features.....adnate	FRUIT Dehiscence.....septicidal.....loculicidal.....septifragal.....circumscissile Kinds.....berry.....pepo.....pome Core.....drupe Dry.....achonium.....utricle.....samarra.....follicle.....legume.....capsule.....siliqua.....siliqua.....pyxis Aggregate.....Accessory.....Multiple No. of Cells Odor Taste Pericarp Texture.....membranous.....coriaceous.....succulent	Albumen Quantity Texture Color Embryo Form.....straight.....bent.....rolled Size Position as to Albumen.....outside.....inside Radicle Length.....Plumule Number Position.....Cotyledons Form Size Number Texture	Surface, a. b. c. Color Gen. Character.....ribbed.....furrowed SEED Number Form.....oblong.....ovate.....ovoid Attachment.....sessile.....funiculate Coats.....funiculate <i>Surface, a. b. c.</i> Color Texture Appendages.....aril.....cuneate.....strophole.....wing.....toma Texture Color Embryo Form.....straight.....bent.....rolled Size Position as to Albumen.....outside.....inside Radicle Length.....Plumule Number Position.....Cotyledons Form Size Number Texture
Polypetalus.....rosaceous.....hibiscus.....cruciferous.....carapophylacous.....papilionaceous.....anomalous Duration.....deciduous.....marcescent.....persistent Color.....calyx Surface.....calyx.....ribbed.....nerved.....corolla.....throat	Attachment.....limbate.....adnate	Surface, a. b. c. Color Gen. Character.....ribbed.....nerved.....corolla.....throat	Texture.....limbate.....adnate	Remarks

REMARKS:

ORDER:

Name, } SCIENTIFIC,
 } COMMON,
LOCALITY,

No.

DATE,

187.....

CHECK TABLE.

GENERAL FEATURES.	hollow	8	spatulate	1	villous	1	symmetrical
Habit.	flexuose	9	oblong	10	silky	2	complete
terrestrial	geniculate	10	clipped	6	wooly	3	perfect
aquatic	tumid joint	11	ovoid	7	velvety	4	rugate
parasitic	Surface	12	round	8	Shf Hairs	5	staminate
aril	a. b. . . . c	13	ovate	13	scabrous	6	periflorate
Duration	Color	14	obovate	14	hispid	7	central
annual	Height	15	emucate	15	acute	8	
biennial	Underground	16	Bane	16	spinous	9	
per-annual	Form	17	acuminate	17	prickly	10	
	tuber	1	acuminate	18	Petiole		
	bulb	2	obuse	19	Term		
Juice	LEAVES.	3	truncate	20	torse		
Color	Kinds	4	recurve	21	grooved		
Gen. Char.	sessile	5	emarginate	22	compressed		
ROOT.	stipulate	6	cordate	23	leaf-like		
Form	exstipulate	7	auriculate	24	Kind		
conical	equitant	8	hastate	25	marginial		
fusiform	Arrangement	9	pedate	26	sheathing		
napiiform	On the Stem.	10	reniform	27	Kind		
ranose	cauline	11	obovate	28	Shf Hairs		
solvent	radical	12	emucate	29	hispid		
fibrous	radical	13	emarginate	30	acute		
fasciculate	rampal	14	obovate	31	spinous		
arterial	Along the Axis.	15	obovate	32	prickly		
	alternate.	16	obovate	33	Odor		
Gen. Char.	scattered	17	obovate	34	Plan		
	scattered	18	obovate	35	Stalk		
STEM.	foliatic	19	obovate	36	Length		
exogenous	fasciculate	20	obovate	37	Surface		
endogenous	opposite	21	obovate	38	Length		
	verticillate	22	obovate	39	Surface		
Mature	Duration	23	obovate	40	Surface		
herbaceous	persistent	24	obovate	41	Surface		
suffruticose	deciduous	25	obovate	42	Surface		
fruticose	Vernation	26	obovate	43	Surface		
arborescent	Texture	27	obovate	44	Surface		
arborescent	succulent	28	obovate	45	Surface		
erect	coriaceous	29	obovate	46	Surface		
assurgent	rigid	30	obovate	47	Surface		
decumbent	flexuous	31	obovate	48	Surface		
diffr-c	S.	32	obovate	49	Surface		
prostrate	venation.	33	obovate	50	Surface		
creeping	parallel.	34	obovate	51	Surface		
climber	straight	35	obovate	52	Surface		
twinning	curved	36	obovate	53	Surface		
twining	transverse	37	obovate	54	Surface		
Branching	Matted.	38	obovate	55	Surface		
simple	pinnate	39	obovate	56	Surface		
furcate	3-nerved	40	obovate	57	Surface		
excurrent	5-nerved	41	obovate	58	Surface		
racemose	radiate	42	obovate	59	Surface		
paniculate	Form.	43	obovate	60	Surface		
racemose	pinnate	44	obovate	61	Surface		
corymbose	lobed	45	obovate	62	Surface		
diffuse	3-nerved	46	obovate	63	Surface		
deliquescent	5-nerved	47	obovate	64	Surface		
Special Forms	radiate	48	obovate	65	Surface		
strobili	Compound.	49	obovate	66	Surface		
strobili	pinnate	50	obovate	67	Surface		
obovate	lobate	51	obovate	68	Surface		
runners	Simple, Leaflets	52	obovate	69	Surface		
tendrils	Gen., Outline	53	obovate	70	Surface		
thorns	1	54	obovate	71	Surface		
torse	2	55	obovate	72	Surface		
striate	3	56	obovate	73	Surface		
grooved	4	57	obovate	74	Surface		
angled.	5	58	obovate	75	Surface		
solid	6	59	obovate	76	Surface		
	7	60	obovate	77	Surface		
		61	obovate	78	Surface		
		62	obovate	79	Surface		
		63	obovate	80	Surface		
		64	obovate	81	Surface		
		65	obovate	82	Surface		
		66	obovate	83	Surface		
		67	obovate	84	Surface		
		68	obovate	85	Surface		
		69	obovate	86	Surface		
		70	obovate	87	Surface		
		71	obovate	88	Surface		
		72	obovate	89	Surface		
		73	obovate	90	Surface		
		74	obovate	91	Surface		
		75	obovate	92	Surface		
		76	obovate	93	Surface		
		77	obovate	94	Surface		
		78	obovate	95	Surface		
		79	obovate	96	Surface		
		80	obovate	97	Surface		
		81	obovate	98	Surface		
		82	obovate	99	Surface		
		83	obovate	100	Surface		
		84	obovate	101	Surface		
		85	obovate	102	Surface		
		86	obovate	103	Surface		
		87	obovate	104	Surface		
		88	obovate	105	Surface		
		89	obovate	106	Surface		
		90	obovate	107	Surface		
		91	obovate	108	Surface		
		92	obovate	109	Surface		
		93	obovate	110	Surface		
		94	obovate	111	Surface		
		95	obovate	112	Surface		
		96	obovate	113	Surface		
		97	obovate	114	Surface		
		98	obovate	115	Surface		
		99	obovate	116	Surface		
		100	obovate	117	Surface		
		101	obovate	118	Surface		
		102	obovate	119	Surface		
		103	obovate	120	Surface		
		104	obovate	121	Surface		
		105	obovate	122	Surface		
		106	obovate	123	Surface		
		107	obovate	124	Surface		
		108	obovate	125	Surface		
		109	obovate	126	Surface		
		110	obovate	127	Surface		
		111	obovate	128	Surface		
		112	obovate	129	Surface		
		113	obovate	130	Surface		
		114	obovate	131	Surface		
		115	obovate	132	Surface		
		116	obovate	133	Surface		
		117	obovate	134	Surface		
		118	obovate	135	Surface		
		119	obovate	136	Surface		
		120	obovate	137	Surface		
		121	obovate	138	Surface		
		122	obovate	139	Surface		
		123	obovate	140	Surface		
		124	obovate	141	Surface		
		125	obovate	142	Surface		
		126	obovate	143	Surface		
		127	obovate	144	Surface		
		128	obovate	145	Surface		
		129	obovate	146	Surface		
		130	obovate	147	Surface		
		131	obovate	148	Surface		
		132	obovate	149	Surface		
		133	obovate	150	Surface		
		134	obovate	151	Surface		
		135	obovate	152	Surface		
		136	obovate	153	Surface		
		137	obovate	154	Surface		
		138	obovate	155	Surface		
		139	obovate	156	Surface		
		140	obovate	157	Surface		
		141	obovate	158	Surface		
		142	obovate	159	Surface		
		143	obovate	160	Surface		
		144	obovate	161	Surface		
		145	obovate	162	Surface		
		146	obovate	163	Surface		
		147	obovate	164	Surface		
		148	obovate	165	Surface		
		149	obovate	166	Surface		
		150	obovate	167	Surface		
		151	obovate	168	Surface		
		152	obovate	169	Surface		
		153	obovate	170	Surface		
		154	obovate	171	Surface		
		155	obovate	172	Surface		
		156	obovate	173	Surface		
		157	obovate	174	Surface		
		158	obovate	175	Surface		
		159	obovate	176	Surface		
		160	obovate	177	Surface		
		161	obovate	178	Surface		
		162	obovate	179	Surface		
		163	obovate	180	Surface		
		164	obovate	181	Surface		
		165	obovate	182	Surface		
		166	obovate	183	Surface		
		167	obovate	184	Surface		
		168	obovate	185	Surface		
		169	obovate	186	Surface		
		170	obovate	187	Surface		
		171	obovate	188	Surface		
		172	obovate	189	Surface		
		173	obovate	190	Surface		
		174	obovate	191	Surface		
		175	obovate	192	Surface		
		176	obovate	193	Surface		
		177	obovate	194	Surface		
		178	obovate	195	Surface		
		179	obovate	196	Surface		
		180	obovate	197	Surface		
		181	obovate	198	Surface		
		182	obovate	199	Surface		
		183	obovate	200	Surface		
		184	obovate	201	Surface		
		185	obovate	202	Surface		
		186	obovate	203	Surface		

chafy Texture		versatile introrse extrose pendulous	included asserted	Surface, <i>a. b. c.</i>
Calyx, Corolla emacscapular gamosepalous rodiate saucer-shaped cup-shaped campanulate funnel-form salver-form top-shaped up-shaped tubular lobulate lobate gibbate ringent personate spurred inflated saccate	Sepals, Petals appressed spreading reflexed sepals petals Form a. b. c. d. a. b. c. d. petals a. b. c. d.	verticillate introrse extrose pendulous Form sagittate peltate cordate obovate No. of Cells lobed Dehiscence lateral	free-central axillary parietal	Gen. Character ribbed grooved furrowed
Border entire entire lobed cleft parted Epipetals cup scales awns bristles	Stamens Number Position adnate opposite infram hypogynous epigynous on a disk epipetalous Length long short ditridynamous tetradynamous Cohecion atrophous syncecinthous included sessile connivent Filament Form capillary filiform Surface, a. b. c. d. Anther Attachment innate adnate	Stigma Position terminal lateral sessile Form obovoid oblong filiform linear Style filiform bracteate decurrent Position terminal lateral basilar Number Surface, a. b. c. Ovary Adhesion superior half-superior inferior No. of Cells Form Surface, a. b. c. Gen. Features	erect ascending horizontal pendulous suspended Number FRUIT Dehiscence loculicidal septicfractal circumscissile Kinds Berry berry pepo pome Shape obovate obovate dry achennium utricle samarra follicle legume capsule silique silicle pnyxis AGGREGATE Accessory Multiple No. of Cells Odor Taste Pericarp Texture membranous coriaceous succulent	Gen. Character ribbed grooved furrowed SEED Number Form oblong ovate ovoid Attachment sessile funiculate Coats Surface, a. b. c. Color Texture Color Albumen Quantity Texture Color Embryo Form straight bent rolled Size Position as to Albumen outside inside Radiates Length Flumule Number Position Cotyledons Form Size Number Texture
Polysypal us Polypetalous rosaceous lilaceous cruciferous eryophyllaceous papilionaceous anomalous Duration deciduous marcescent persistent Color calyx corolla Surface calyx ribbed nerved corolla throat Texture				

REMARKS:

ORDER:
 Name, { SCIENTIFIC,
 { COMMON,
 LOCALITY,

No.

DATE,

187

CHECK TABLET.

GENERAL FEATURES.	1	hollow	8	spatulate	4	villous	15	symmetrical
Habit.	2	flexuose	9	oblong	5	sulky	16	complete
terrestrial	3	geniculate	10	elliptical	6	wooly	17	perfect
aquatic	4	tumid joint	11	oval	7	velvety	18	reg. clear
parasitic	5	Surface	12	round	8	Stiff Hairs	19	shimate
erial	6	a.	13	ovate	9	scariosus	20	neutral
Duration	7	b.	14	obovate	10	biserial	21	neutral
annual	8	Color	15	cuneate	11	scariosus	22	neutral
bimial	9	Height	16	acuminate	12	acutate	23	neutral
perennial	10	Underground	17	obuse	13	spinosus	24	neutral
	11	rhizoma	18	truncate	14	prickly	25	neutral
	12	corn	19	emarginate	15	petiole	26	neutral
	13	tuber	20	articulate	16	Form	27	neutral
	14	bulb	21	retuse	17	Length	28	neutral
LEAVES.	15	sessile	22	obscure	18	Surface	29	neutral
Kinds	16	p. etiolate	23	truncate	19	a.	30	neutral
	17	stipulate	24	emarginate	20	b.	31	neutral
	18	exstipulate	25	articulate	21	c.	32	neutral
	19	equitant	26	lobate	22	Kind	33	neutral
	20	Along the Axis,—	27	has-tate	23	Surface	34	neutral
	21	alternate,	28	retrorse	24	a.	35	neutral
	22	scattered,	29	obscure	25	b.	36	neutral
	23	posulate	30	obscure	26	c.	37	neutral
	24	fasciculate	31	truncate	27	Form	38	neutral
	25	opposite	32	retuse	28	Length	39	neutral
	26	verticillate	33	emarginate	29	Surface	40	neutral
Duration	27	peristent	34	obscure	30	a.	41	neutral
	28	deciduous	35	obscure	31	b.	42	neutral
Vernation	29	peristent	36	obscure	32	c.	43	neutral
	30	along the	37	obscure	33	Kind	44	neutral
Texture	31	succulent	38	obscure	34	Surface	45	neutral
	32	coriaceous	39	obscure	35	a.	46	neutral
	33	rugose	40	obscure	36	b.	47	neutral
	34	8-ang.ous	41	obscure	37	c.	48	neutral
Venation.	35	straight	42	obscure	38	Form	49	neutral
parallel	36	curved	43	obscure	39	Length	50	neutral
creeping	37	transverse	44	obscure	40	Surface	51	neutral
twining	38	Netted.	45	obscure	41	a.	52	neutral
simple	39	pinnate	46	obscure	42	b.	53	neutral
furcate	40	3-nerved	47	obscure	43	c.	54	neutral
excurrent	41	5-nerved	48	obscure	44	Kind	55	neutral
racemose	42	radiate	49	obscure	45	Surface	56	neutral
pinnulate	43	Form.	50	obscure	46	a.	57	neutral
corymbose	44	Compound.	51	obscure	47	b.	58	neutral
diffuse	45	pinnate	52	obscure	48	c.	59	neutral
deliquescent	46	lobate	53	obscure	49	Form	60	neutral
Special Forms	47	Simple Leaves	54	obscure	50	Length	61	neutral
stolons	48	Gen., Outline	55	obscure	51	Surface	62	neutral
stolons	49	1	56	obscure	52	a.	63	neutral
runners	50	2	57	obscure	53	b.	64	neutral
tomils	51	3	58	obscure	54	c.	65	neutral
thorns	52	4	59	obscure	55	Kind	66	neutral
Gen. Char.	53	5	60	obscure	56	Surface	67	neutral
terrac	54	6	61	obscure	57	a.	68	neutral
striate	55	7	62	obscure	58	b.	69	neutral
grooved	56	8	63	obscure	59	c.	70	neutral
ring-led.	57	9	64	obscure	60	Form	71	neutral
solid	58	10	65	obscure	61	Length	72	neutral
	59	11	66	obscure	62	Surface	73	neutral
	60	12	67	obscure	63	a.	74	neutral
	61	13	68	obscure	64	b.	75	neutral
	62	14	69	obscure	65	c.	76	neutral
	63	15	70	obscure	66	Kind	77	neutral
	64	16	71	obscure	67	Surface	78	neutral
	65	17	72	obscure	68	a.	79	neutral
	66	18	73	obscure	69	b.	80	neutral
	67	19	74	obscure	70	c.	81	neutral
	68	20	75	obscure	71	Form	82	neutral
	69	21	76	obscure	72	Length	83	neutral
	70	22	77	obscure	73	Surface	84	neutral
	71	23	78	obscure	74	a.	85	neutral
	72	24	79	obscure	75	b.	86	neutral
	73	25	80	obscure	76	c.	87	neutral
	74	26	81	obscure	77	Kind	88	neutral
	75	27	82	obscure	78	Surface	89	neutral
	76	28	83	obscure	79	a.	90	neutral
	77	29	84	obscure	80	b.	91	neutral
	78	30	85	obscure	81	c.	92	neutral
	79	31	86	obscure	82	Form	93	neutral
	80	32	87	obscure	83	Length	94	neutral
	81	33	88	obscure	84	Surface	95	neutral
	82	34	89	obscure	85	a.	96	neutral
	83	35	90	obscure	86	b.	97	neutral
	84	36	91	obscure	87	c.	98	neutral
	85	37	92	obscure	88	Kind	99	neutral
	86	38	93	obscure	89	Surface	100	neutral
	87	39	94	obscure	90	a.	101	neutral
	88	40	95	obscure	91	b.	102	neutral
	89	41	96	obscure	92	c.	103	neutral
	90	42	97	obscure	93	Form	104	neutral
	91	43	98	obscure	94	Length	105	neutral
	92	44	99	obscure	95	Surface	106	neutral
	93	45	100	obscure	96	a.	107	neutral
	94	46	101	obscure	97	b.	108	neutral
	95	47	102	obscure	98	c.	109	neutral
	96	48	103	obscure	99	Kind	110	neutral
	97	49	104	obscure	100	Surface	111	neutral
	98	50	105	obscure	101	a.	112	neutral
	99	51	106	obscure	102	b.	113	neutral
	100	52	107	obscure	103	c.	114	neutral
	101	53	108	obscure	104	Form	115	neutral
	102	54	109	obscure	105	Length	116	neutral
	103	55	110	obscure	106	Surface	117	neutral
	104	56	111	obscure	107	a.	118	neutral
	105	57	112	obscure	108	b.	119	neutral
	106	58	113	obscure	109	c.	120	neutral
	107	59	114	obscure	110	Kind	121	neutral
	108	60	115	obscure	111	Surface	122	neutral
	109	61	116	obscure	112	a.	123	neutral
	110	62	117	obscure	113	b.	124	neutral
	111	63	118	obscure	114	c.	125	neutral
	112	64	119	obscure	115	Form	126	neutral
	113	65	120	obscure	116	Length	127	neutral
	114	66	121	obscure	117	Surface	128	neutral
	115	67	122	obscure	118	a.	129	neutral
	116	68	123	obscure	119	b.	130	neutral
	117	69	124	obscure	120	c.	131	neutral
	118	70	125	obscure	121	Kind	132	neutral
	119	71	126	obscure	122	Surface	133	neutral
	120	72	127	obscure	123	a.	134	neutral
	121	73	128	obscure	124	b.	135	neutral
	122	74	129	obscure	125	c.	136	neutral
	123	75	130	obscure	126	Form	137	neutral
	124	76	131	obscure	127	Length	138	neutral
	125	77	132	obscure	128	Surface	139	neutral
	126	78	133	obscure	129	a.	140	neutral
	127	79	134	obscure	130	b.	141	neutral
	128	80	135	obscure	131	c.	142	neutral
	129	81	136	obscure	132	Kind	143	neutral
	130	82	137	obscure	133	Surface	144	neutral
	131	83	138	obscure	134	a.	145	neutral
	132	84	139	obscure	135	b.	146	neutral
	133	85	140	obscure	136	c.	147	neutral
	134	86	141	obscure	137	Form	148	neutral
	135	87	142	obscure	138	Length	149	neutral
	136	88	143	obscure	139	Surface	150	neutral
	137	89	144	obscure	140	a.	151	neutral
	138	90	145	obscure	141	b.	152	neutral
	139	91	146	obscure	142	c.	153	neutral
	140	92	147	obscure	143	Kind	154	neutral
	141	93	148	obscure	144	Surface	155	neutral
	142	94	149	obscure	145	a.	156	neutral
	143	95	150	obscure	146	b.	157	neutral
	144	96	151	obscure	147	c.	158	neutral
	145	97	152	obscure	148	Form	159	neutral
	146	98	153	obscure	149	Length	160	neutral
	147	99	154	obscure	150	Surface	161	neutral
	148	100	155	obscure	151	a.	162	neutral
	149	101 .						

CHECK TABLET.

<p>GENERAL FEATURES</p> <p>Habit......terrestrial.....aquatic.....aerial</p> <p>Duration.....annual.....biennial.....perennial</p> <p>Odor.....</p> <p>Juice..... Taste..... Gen. Char.....</p> <p>ROOT.</p> <p>Form.....conical.....fusiform.....napiform.....ramose.....solvate.....fibrous.....fasciculate.....aerial</p>	<p>.....hollow.....flexuose.....geniculate.....banded joint.....ovoid.....c</p> <p>Surface.....</p> <p>Color.....</p> <p>Height.....</p> <p>Underground.....</p> <p>Form.....tuber.....bulb.....sessile.....peltolate.....stipulate.....exstipulate.....equitant</p> <p>Arrangemen On the Stem.....</p> <p>.....radical.....truncal.....alternate.</p>	<p>.....spatulate.....oblong.....elliptical.....ovoid.....rotund.....ovate.....cuneate</p> <p>Stipule.....</p> <p>Petiole.....</p> <p>Form.....acuminate.....obtus.....truncate.....truncate.....emarginate.....auriculate.....sagittate.....hastate.....peltate.....reniform.....clasping.....comate.....decurrent</p> <p>Stipules.....</p> <p>Form.....</p> <p>.....free.....adnate.....clasping.....membranous.....foliaceous.....spinous.....setaceous</p> <p>Duration.....</p> <p>.....persistent.....deciduous.....buccinate</p>	<p>.....symmetrical.....complete.....perfect.....spinous.....staminate.....fistulate.....neutral</p> <p>Odor.....</p> <p>Plan.....</p> <p>Stalk.....</p> <p>Feuclade.....</p> <p>Length.....</p> <p>Surface.....<i>a. b. c.</i></p> <p>Length.....</p> <p>Podical.....</p> <p>Scope.....</p> <p>Surface.....<i>a. b. c.</i></p> <p>Involucre.....</p> <p>Form.....rosaceous.....cup-shaped.....hemispherical.....bell-shaped.....cylindrical.....conical.....ovoid.</p> <p>Scales.....</p> <p>No. of rows.....</p> <p>Number.....</p> <p>Direction.....</p> <p>.....erect.....spreading.....reflex</p> <p>Form.....<i>a. b. c. d.</i></p> <p>Surface.....<i>a. b. c.</i></p> <p>.....terete.....peltate.....foliaceous.....scarious.....spinous.....rigid.....claty.</p> <p>Receptacle.....</p> <p>Form.....urn-shaped.....conceve.....flat.....cylindrical.....elongated.....conical.....convex.....hemispherical</p> <p>Disk.....</p> <p>.....hypogynous.....perigynous.....epigynous</p> <p>Surface.....naked.....smooth.....punctate.....alvolute.....bristly</p>
<p>Gen. Char......</p> <p>STEM......</p> <p>.....cogonous.....endogenou</p> <p>Mature.....herbaceous.....suffrutescent.....suffruticose.....fruticose.....arborescent</p> <p>Dir. of Growth.....</p> <p>.....erect.....assurgent.....decumbent.....prostrate.....creeping.....climbing.....winding</p> <p>Branching.....</p> <p>.....simple.....furcate.....excurret.....racemose.....paniculate.....paniculate.....capitate.....diffuse</p> <p>SpecialForms.....deliquescent.....suckers.....stolons.....offsets.....runners.....tendrils.....thorns</p> <p>Gen. Char......</p> <p>.....terete.....striate.....grooved.....angled. .....solid</p>	<p>.....villous.....suky.....wooly.....velvety</p> <p>Hairs.....</p> <p>.....scarious.....hispid.....spinous.....prickly</p> <p>Petiole.....</p> <p>Form.....terete.....grooved.....leaf-like</p> <p>Kind.....</p> <p>.....marginied.....clasping.....sheathing</p> <p>Surface.....<i>a. b. c.</i></p> <p>Length.....</p> <p>Stipules.....</p> <p>Form.....</p> <p>.....free.....adnate.....clasping.....membranous.....foliaceous.....spinous.....setaceous</p> <p>Duration.....</p> <p>.....persistent.....deciduous.....buccinate</p>	<p>BRACTS.....</p> <p>Form.....</p> <p><i>a. b. c. d.</i></p> <p>Surface.....<i>a. b. c.</i></p> <p>.....vol. character.....tomaceous.....petalaceous.....membranous.....spinous</p> <p>INFLORESCENCE.....</p> <p>Terminal.....</p> <p>.....solitary.....cymose.....fasciculate.....glomerule.....verticillaster</p> <p>Axillary.....</p> <p>.....raceme.....corymb.....umbel.....paniculate.....thyrsus.....spike.....spadix.....catkin.....head</p> <p>FLOWER.</p> <p>Kinds.....</p>	<p>Form.....</p> <p>.....revolute.....seriate.....dentate.....crenate.....repand.....sinuate.....incised.....fringed.....cliate</p> <p>Margin.....</p> <p>.....entire.....lobed.....cleft.....parted.....pectinate.....lyrate.....divided</p> <p>Surface.....</p> <p>Form.....</p> <p>.....glaucous.....glaucescent.....punctate.....verrucose</p> <p>Soft Hairs.....</p> <p>.....puberulent.....pilosus.....pubescent</p>

chafly Texture	capitate	versatile	included	Surface, a. b. . . c.
Calyx, Corolla	appressed	introrse	emerged	Color
Gamopetalous	spreading	extrose	Placitation	Gen. Character
saucer-shaped	reflexed	pendulous	free-central	ribbed
cup-shaped	sepals	sagittate	axillary	furrowed
complicate	petals	advanced	parietal	
limb-form	Form	cordate		SEED
silver-form	a. . . b. . . c. . . d. . .	lobed		Number
urn-shaped	spurred	Dehiscence		Form
top-shaped	petals	lateral		oblong
tubular	Aestivation	Pollon		ovate
lobulate	open	Pollinia		ovoid
lobate	valvate	Pistil		Attachment
gubate	reduplicate	Kinds		sessile
personate	imbricate	open		limbulate
spurred	contorted	Cohesion		Coats
finnated	convolute	Number		Surface, a. b. . . c.
saccate	plicata	Stigma		Color
Border	supervolvit	Position		Toxuro
tricome	Stamens	Form		Appendages
entire	Position	Alar		aril
lobed	alternate	epigynous		caruncle
parted	opposite	on a disk		strophole
Pappus	hypanthium	epipetalous		wing
cup	perigynous	Length		coma
awns	Synanthous	long		Albumen
bristles	on a disk	short		quantity
Polysepal us	epipetalous	didynamous		Texture
ruscous	Length	tetradynamous		Color
filaceous	long	Cohesion		Embryo
cruciferous	long	adelphous		Form
carophyllaceous	short	syngonesious		straight
pupilionaceous	didynamous	Gen. Features		beak
anomalous	tetradynamous	included		rolled
Duration	adelphous	exserted		Circs
deciduous	Gen. Features	sessile		as to Albumen
marcescent	included	comitant		outside
persistent	sessile	Filament		inside
Color	comitant	Form		radicle
calyx	Surface, a. b. . . 2.	capillary		Direction
corolla	imbricate	filiform		Length
Surface	adnate	Gen. Features		Fluide
ribbed	Attachment	Color		Number
nerved	imbricate	Surface, a. b. . . c.		Position
corolla	adnate	No. of Cells		Cotyledons
throat		Form		Form
Texture		Gen. Features		

REMARKS :

ORDER : No.

Name, { SCIENTIFIC,

{ COMMON,

LOCALITY, DATE, 187

CHECK TABLE.

GENERAL FEATURES.	1 hollow	6 spatulate	14 villous	15 symmetrical
Habit.	2 flexuose	7 oblong	15 silky	16 complete
.....	3 scandent	8 elliptical	16 woolly	17 perfect
.....	4 humid joint	9 oval	17 velvety	18 regular
.....	5 c	10 round	18 c	19 staminate
Surface	11 c	11 ovate	19 c	20 pistillate
.....	12 c	12 obovate	20 c	21 neutral
Color	13 c	13 cucurbit	21 c	22 c
Height	14 c	14 c	22 c	23 c
Underground	15 c	15 c	23 c	24 c
rhizoma	16 c	16 c	24 c	25 c
.....	17 c	17 c	25 c	26 c
.....	18 c	18 c	26 c	27 c
.....	19 c	19 c	27 c	28 c
.....	20 c	20 c	28 c	29 c
Odor	21 c	21 c	29 c	30 c
.....	22 c	22 c	30 c	31 c
Juice	23 c	23 c	31 c	32 c
.....	24 c	24 c	32 c	33 c
Gen. Char.	25 c	25 c	33 c	34 c
.....	26 c	26 c	34 c	35 c
ROOT.	27 c	27 c	35 c	36 c
Form	28 c	28 c	36 c	37 c
.....	29 c	29 c	37 c	38 c
.....	30 c	30 c	38 c	39 c
.....	31 c	31 c	39 c	40 c
.....	32 c	32 c	40 c	41 c
.....	33 c	33 c	41 c	42 c
.....	34 c	34 c	42 c	43 c
.....	35 c	35 c	43 c	44 c
.....	36 c	36 c	44 c	45 c
.....	37 c	37 c	45 c	46 c
.....	38 c	38 c	46 c	47 c
.....	39 c	39 c	47 c	48 c
.....	40 c	40 c	48 c	49 c
.....	41 c	41 c	49 c	50 c
.....	42 c	42 c	50 c	51 c
.....	43 c	43 c	51 c	52 c
.....	44 c	44 c	52 c	53 c
.....	45 c	45 c	53 c	54 c
.....	46 c	46 c	54 c	55 c
.....	47 c	47 c	55 c	56 c
.....	48 c	48 c	56 c	57 c
.....	49 c	49 c	57 c	58 c
.....	50 c	50 c	58 c	59 c
.....	51 c	51 c	59 c	60 c
.....	52 c	52 c	60 c	61 c
.....	53 c	53 c	61 c	62 c
.....	54 c	54 c	62 c	63 c
.....	55 c	55 c	63 c	64 c
.....	56 c	56 c	64 c	65 c
.....	57 c	57 c	65 c	66 c
.....	58 c	58 c	66 c	67 c
.....	59 c	59 c	67 c	68 c
.....	60 c	60 c	68 c	69 c
.....	61 c	61 c	69 c	70 c
.....	62 c	62 c	70 c	71 c
.....	63 c	63 c	71 c	72 c
.....	64 c	64 c	72 c	73 c
.....	65 c	65 c	73 c	74 c
.....	66 c	66 c	74 c	75 c
.....	67 c	67 c	75 c	76 c
.....	68 c	68 c	76 c	77 c
.....	69 c	69 c	77 c	78 c
.....	70 c	70 c	78 c	79 c
.....	71 c	71 c	79 c	80 c
.....	72 c	72 c	80 c	81 c
.....	73 c	73 c	81 c	82 c
.....	74 c	74 c	82 c	83 c
.....	75 c	75 c	83 c	84 c
.....	76 c	76 c	84 c	85 c
.....	77 c	77 c	85 c	86 c
.....	78 c	78 c	86 c	87 c
.....	79 c	79 c	87 c	88 c
.....	80 c	80 c	88 c	89 c
.....	81 c	81 c	89 c	90 c
.....	82 c	82 c	90 c	91 c
.....	83 c	83 c	91 c	92 c
.....	84 c	84 c	92 c	93 c
.....	85 c	85 c	93 c	94 c
.....	86 c	86 c	94 c	95 c
.....	87 c	87 c	95 c	96 c
.....	88 c	88 c	96 c	97 c
.....	89 c	89 c	97 c	98 c
.....	90 c	90 c	98 c	99 c
.....	91 c	91 c	99 c	100 c
.....	92 c	92 c	100 c	101 c
.....	93 c	93 c	101 c	102 c
.....	94 c	94 c	102 c	103 c
.....	95 c	95 c	103 c	104 c
.....	96 c	96 c	104 c	105 c
.....	97 c	97 c	105 c	106 c
.....	98 c	98 c	106 c	107 c
.....	99 c	99 c	107 c	108 c
.....	100 c	100 c	108 c	109 c
.....	101 c	101 c	109 c	110 c
.....	102 c	102 c	110 c	111 c
.....	103 c	103 c	111 c	112 c
.....	104 c	104 c	112 c	113 c
.....	105 c	105 c	113 c	114 c
.....	106 c	106 c	114 c	115 c
.....	107 c	107 c	115 c	116 c
.....	108 c	108 c	116 c	117 c
.....	109 c	109 c	117 c	118 c
.....	110 c	110 c	118 c	119 c
.....	111 c	111 c	119 c	120 c
.....	112 c	112 c	120 c	121 c
.....	113 c	113 c	121 c	122 c
.....	114 c	114 c	122 c	123 c
.....	115 c	115 c	123 c	124 c
.....	116 c	116 c	124 c	125 c
.....	117 c	117 c	125 c	126 c
.....	118 c	118 c	126 c	127 c
.....	119 c	119 c	127 c	128 c
.....	120 c	120 c	128 c	129 c
.....	121 c	121 c	129 c	130 c
.....	122 c	122 c	130 c	131 c
.....	123 c	123 c	131 c	132 c
.....	124 c	124 c	132 c	133 c
.....	125 c	125 c	133 c	134 c
.....	126 c	126 c	134 c	135 c
.....	127 c	127 c	135 c	136 c
.....	128 c	128 c	136 c	137 c
.....	129 c	129 c	137 c	138 c
.....	130 c	130 c	138 c	139 c
.....	131 c	131 c	139 c	140 c
.....	132 c	132 c	140 c	141 c
.....	133 c	133 c	141 c	142 c
.....	134 c	134 c	142 c	143 c
.....	135 c	135 c	143 c	144 c
.....	136 c	136 c	144 c	145 c
.....	137 c	137 c	145 c	146 c
.....	138 c	138 c	146 c	147 c
.....	139 c	139 c	147 c	148 c
.....	140 c	140 c	148 c	149 c
.....	141 c	141 c	149 c	150 c
.....	142 c	142 c	150 c	151 c
.....	143 c	143 c	151 c	152 c
.....	144 c	144 c	152 c	153 c
.....	145 c	145 c	153 c	154 c
.....	146 c	146 c	154 c	155 c
.....	147 c	147 c	155 c	156 c
.....	148 c	148 c	156 c	157 c
.....	149 c	149 c	157 c	158 c
.....	150 c	150 c	158 c	159 c
.....	151 c	151 c	159 c	160 c
.....	152 c	152 c	160 c	161 c
.....	153 c	153 c	161 c	162 c
.....	154 c	154 c	162 c	163 c
.....	155 c	155 c	163 c	164 c
.....	156 c	156 c	164 c	165 c
.....	157 c	157 c	165 c	166 c
.....	158 c	158 c	166 c	167 c
.....	159 c	159 c	167 c	168 c
.....	160 c	160 c	168 c	169 c
.....	161 c	161 c	169 c	170 c
.....	162 c	162 c	170 c	171 c
.....	163 c	163 c	171 c	172 c
.....	164 c	164 c	172 c	173 c
.....	165 c	165 c	173 c	174 c
.....	166 c	166 c	174 c	175 c
.....	167 c	167 c	175 c	176 c
.....	168 c	168 c	176 c	177 c
.....	169 c	169 c	177 c	178 c
.....	170 c	170 c	178 c	179 c
.....	171 c	171 c	179 c	180 c
.....	172 c	172 c	180 c	181 c
.....	173 c	173 c	181 c	182 c
.....	174 c	174 c	182 c	183 c
.....	175 c	175 c	183 c	184 c
.....	176 c	176 c	184 c	185 c
.....	177 c	177 c	185 c	186 c
.....	178 c	178 c	186 c	187 c
.....	179 c	179 c	187 c	188 c
.....	180 c	180 c	188 c	189 c
.....	181 c	181 c	189 c	190 c
.....	182 c	182 c	190 c	191 c
.....	183 c	183 c	191 c	192 c
.....	184 c	184 c	192 c	193 c
.....	185 c	185 c	193 c	194 c
.....	186 c	186 c	194 c	195 c
.....	187 c	187 c	195 c	196 c
.....	188 c	188 c	196 c	197 c
.....	189 c	189 c	197 c	198 c
.....	190 c	190 c	198 c	199 c
.....	191 c	191 c	199 c	200 c
.....	192 c	192 c	200 c	201 c
.....	193 c	193 c	201 c	202 c
.....	194 c	194 c	202 c	203 c
.....	195 c	195 c	203 c	204 c
.....	196 c	196 c	204 c	205 c
.....	197 c	197 c	205 c	206 c
.....	198 c	198 c	206 c	207 c
.....	199 c	199 c	207 c	208 c
.....	200 c	200 c	208 c	209 c
.....	201 c	201 c	209 c	210 c
.....	202 c	202 c	210 c	211 c
.....	203 c	203 c	211 c	212 c
.....	204 c	204 c	212 c	213 c
.....	205 c	205 c	213 c	214 c
.....	206 c	206 c	214 c	215 c
.....	207 c	207 c	215 c	216 c
.....	208 c	208 c	216 c	217 c
.....	209 c	209 c	217 c	218 c
.....	210 c	210 c	218 c	219 c
.....	211 c	211 c	219 c	220 c
.....	212 c	212 c	220 c	221 c
.....	213 c	213 c	221 c	222 c
.....	214 c	214 c	222 c	223 c
.....	215 c	215 c	223 c	224 c
.....	216 c	216 c	224 c	225 c
.....	217 c	217 c	225 c	226 c
.....	218 c	218 c	226 c	227 c
.....	219 c	219 c	227 c	228 c
.....	220 c	220 c	228 c	229 c
.....	221 c	221 c	229 c	230 c
.....	222 c	222 c	230 c	231 c
.....	223 c	2		

CHECK TABLE.

GENERAL FEATURES.	..... hollow	S	..... spatulate	4	..... villous	..... symmetrical
Habit.	..... flexuose	9	..... oblong	5	..... silky	..... complete
..... terrestrial	..... geniculate	10	..... elliptic	6	..... woolly	..... perfect
..... aquatic	..... tumid joint	11	..... oval	7	..... velvety	..... egsular
..... aerial	..... <i>a. c</i>	12	..... rotund	8	Stiff Hairs	..... staminate
Duration	..... sessile	13	..... obovate	1	..... scariosus	..... pistillate
..... annual	..... p. etioliate	14	..... cuneate	2	..... hispid	..... neutral
..... biennial	..... stipulate	15	..... <i>Base</i>	3	..... acutate	Odor
..... perennial	..... exstipulate	16	..... <i>acuminate</i>	4	..... spinosus	..... merous
Odor	..... equitant	17	..... <i>obtusate</i>	5	..... prickly	Plan
Juice	..... Arrangement	18	..... <i>retuse</i>	6	Petiole	Stalk
Color	..... On the Stem	19	..... <i>emarginate</i>	7	..... <i>Form</i>	..... <i>Feetmide</i>
Gen. Char.	..... Along the Axis	20	..... <i>cordate</i>	8	..... <i>terete</i>	..... <i>Surface, a. c.</i>
ROOT.	..... Alternate	21	..... <i>auriculate</i>	9	..... <i>grooved</i>	..... <i>Length.</i>
Form	..... Scattered	22	..... <i>pectinate</i>	10	..... <i>compressed</i>	..... <i>Fedcel</i>
..... fusiform	..... Resolute	23	..... <i>reniform</i>	11	..... <i>leaf-like</i>	..... <i>Scapo</i>
..... napiform	..... Fasciculate	24	..... <i>claspig</i>	12	..... <i>margined</i>	..... <i>Height, a. c.</i>
..... ramose	..... Opposite	25	..... <i>connate</i>	13	..... <i>clasping</i>	Involve
..... fibrous	..... Verticillate	26	..... <i>decurrent</i>	14	..... <i>sheathing</i>	..... <i>Form</i>
..... fasciculate	..... Duration	27	..... <i>decumbent</i>	15	..... <i>Stipule, a. d.</i>	..... <i>rosaceous</i>
..... acrial	..... Persistent	28	..... <i>acuminate</i>	16	..... <i>cup-shaped</i>	..... <i>hemisphericu</i>
Gen. Char.	..... Deciduous	29	..... <i>obtusate</i>	17	..... <i>bell-shaped</i>	..... <i>hemisphericu</i>
STEM.	..... Deciduous	30	..... <i>aristate</i>	18	..... <i>conical</i>	..... <i>ovoid</i>
..... exangenu-	..... Texture	31	..... <i>revolute</i>	19	..... <i>adnate</i>	..... <i>Scales</i>
..... endogenous	..... Contrivous	32	..... <i>entire</i>	20	..... <i>claspig</i>	..... <i>No. of nodes</i>
..... herbaceous	..... Rugose	33	..... <i>dentate</i>	21	..... <i>membranous</i>	..... <i>Direction.</i>
..... suffruticose	..... St.	34	..... <i>truncate</i>	22	..... <i>foliaceous</i>	..... <i>erect</i>
..... fruticose	..... Scabrous	35	..... <i>retuse</i>	23	..... <i>spinous</i>	..... <i>spread</i>
..... arborescent	..... Light	36	..... <i>emarginate</i>	24	..... <i>s-tacous</i>	..... <i>retruded</i>
..... arboresous	..... Curved	37	..... <i>obcordate</i>	25	..... <i>persistent</i>	..... <i>retlexed</i>
..... climbing	..... Transverse	38	..... <i>conspicuate</i>	26	..... <i>deciduous</i>	..... <i>Form, a. c.</i>
Branching	..... Netted	39	..... <i>aristate</i>	27	..... <i>ligustious</i>	..... <i>Surface, a. c.</i>
..... simple	..... Pinnate	40	..... <i>scerrulate</i>	28	BRACTS	..... <i>Form</i>
..... excurrent	..... 3-nerved	41	..... <i>lobed</i>	29	..... <i>a. c. d.</i>	..... <i>Teratro</i>
..... paniculate	..... 5-nerved	42	..... <i>clift</i>	30	..... <i>vea. Charact</i>	..... <i>foliaceous</i>
..... corymbose	..... Radiate	43	..... <i>parted</i>	31	..... <i>rotaceous</i>	..... <i>scarious</i>
..... diffuse	..... Compound.	44	..... <i>pectinate</i>	32	..... <i>membranous</i>	..... <i>spinous</i>
Special Forms	..... Pinnate	45	..... <i>lyrate</i>	33	..... <i>spinous</i>	..... <i>rigid</i>
..... suckers	..... Palinate	46	..... <i>runcinate</i>	34	..... <i>chilly.</i>	..... Receptacle
..... stolons	..... Foliate	47	..... <i>divided</i>	35	..... <i>arm-shaped</i>	..... <i>Form</i>
..... offsets	..... Simple, Leaflets	48	..... Surface	36	..... <i>concave</i>	..... <i>flat</i>
..... runners	..... Gen., Outline	49	..... No Hairs	37	..... <i>laseicte</i>	..... <i>cylindrical</i>
..... thorns	..... filiform	50	..... glabrous	38	..... <i>glomerule</i>	..... <i>elongated</i>
..... terete	..... acicular	51	..... glaucous	39	..... <i>verticillaster</i>	..... <i>conical</i>
..... striate	..... acrose	52	..... punctate	40	..... Axillary	..... <i>convex</i>
..... grooved	..... subulate	53	..... puberulent	41	..... <i>solitary</i>	..... <i>hemispherical</i>
..... angled	..... linear	54	..... piloses	42	..... <i>raceme</i>	..... Disk.
..... solid	..... oblanccolate	55	..... pubescent	43	..... <i>coromb</i>	..... <i>hypogynous</i>
					..... <i>umbel</i>	..... <i>perigynous</i>
					..... <i>panic</i>	..... <i>epigynous</i>
					..... <i>thyrsus</i>	..... Surface
					..... <i>spike</i>	..... <i>naked</i>
					..... <i>catkin</i>	..... <i>smooth</i>
					..... <i>head</i>	..... <i>punctate</i>
					..... FLOWER.	..... <i>alveolate</i>
					..... Kinds	..... <i>bristly</i>

.....chaffy Texture	Sepals, Petals.....appressed.....spreading.....reflexed Form	.....versatile.....infrorse.....extorse.....pendulous	.....included.....excised	.....Surface, <i>a. b. c.</i>
Calyx-Corolla				
Gamopetalous	.....sepals.....petals Form	.....sagittate.....pellate.....awned.....cordate.....lobed	.....axillary.....parietal	.....Gen. Character.....grooved.....furrowed
.....saucer-shaped.....cup-shaped.....funnel-form.....salver-form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....galeate.....ringent.....peronate.....spurred.....infracted.....saccate	.....a. b. c. d. .....spurred.....petals.....a. b. c. d.	.....No. of Cells, Dehiscence.....lateral	Ovules.....Kind.....orthotropous.....campylotropous.....anatropous.....amphitropous Dir. in Ovary.....erect.....sessile.....ascending.....horizontal.....pendulous.....suspended	SEED.....Number.....Form.....oblong.....ovate.....ovoid
Androecium	Aestivation.....open.....valvate.....induplicate.....reduplicate.....inbricate.....contorted.....convolute.....plicata.....supervulv.	Pollen.....Pollenia Pistil.....closed.....open.....simple.....multiple.....compound	Number.....Stigma.....Position.....terminal.....lateral.....sessile	Attachment.....sessile.....funiculate
.....truncate.....entire.....lobed.....clef.....spurred.....cup.....scutes.....awns.....bristles	Stamens.....Number.....Position.....alternate.....opposite Insertion.....hypogynous.....epigynous.....epandrous.....on a disk.....epipetalous	Form.....discoid.....globose.....lobed.....filiform.....linear	Kind.....Fleshy.....berry.....pepo.....pome	Coats.....Surface, <i>a. b. a.</i>
Polypetal us	.....long.....cruciferous.....cruciferous.....papilionaceous.....anomalous	Style.....filiform.....branching.....decurvate	Albumen.....quantity.....Texture.....Color	Appendages.....crumelle.....wing.....coma
Polypteleon	.....rosaceous.....illicaceous.....cruciferous.....erythralicous.....papilionaceous.....anomalous	Position.....terminal.....lateral.....basilar	Embryo.....form.....straight.....bent.....rolled	
Duratum	.....deciduous.....marcescent.....persistent	Gen. Features.....included.....excised.....sessile.....convivent	Size.....Position as to Albumen.....outside.....inside	
Color	.....calyx.....corolla	Number.....Surface, <i>a. b. c.</i>	Direction.....Length	
Surface	.....capillary.....filiform	Ovary.....superior.....half-superior.....inferior	Plumula.....Number.....Position.....Cylindrical.....Form	
Texture	.....Surface, <i>a. b. 2.</i> Attachment.....imbricate.....adnate	No. of Cells.....Form	Odor.....Taste.....Texture	

REMARKS:

ORDER: No.

Name, { SCIENTIFIC,
 } COMMON,

LOCALITY, DATE, 187.....

chaffy Texture	Sepals, Petals appressed spreading reflexed	versatile intense chambrase pendulous	included axillary parietal	Surface, a, b, c.
Calyx-Corolla				
Gamosepalous	sepal petal	sepalate petalate		Color Gen. Character
gamosepalous	sepal petal	sepalate petalate		ribbed grooved furrowed
saucer-shaped	Form	sepalate petalate		SEED
cup-shaped	a, b, c, d	sepalate petalate		Number
campanulate	sturred	sepalate petalate		Form
tunnel-form	petals	sepalate petalate		oblong ovate ovoid
salver-form	a, b, c, d	sepalate petalate		Attachment
urn-shaped	Aestivation	sepalate petalate		sessile funiculate
top-shaped	valvate	sepalate petalate		Coats
tubular	open	sepalate petalate		Surface, a, b, c.
lobulate	induplicate	sepalate petalate		Color Texture
lobate	reduplicate	sepalate petalate		Appendages
gibbata	imbriate	sepalate petalate		acuminate striplimbate
ringent	conspicuate	sepalate petalate		wing
perianthate	placate	sepalate petalate		conna
spurred	superovul	sepalate petalate		Albumen
inflated		sepalate petalate		quantity Texture Color
sur a c		sepalate petalate		Embryo
Bract		sepalate petalate		form straight bent rolled
truncate	Stamens	sepalate petalate		Size
lobed	lobata	sepalate petalate		Position as to Albumen
clit	altermate	sepalate petalate		outside inside
parted	opposite	sepalate petalate		Backside Direction Length
cup	inclusion	sepalate petalate		Plumule Number Position Cotyledons Form
scales	by an xyant-	sepalate petalate		Size Number Texture
awns	perigynous	sepalate petalate		Dehiscence
bristles	epigynous	sepalate petalate		superficial perforated circumscissile
Polysepal us	synanthous	sepalate petalate		Kind
Polygalacta	synanthous	sepalate petalate		Stem Style
roseaceous	on a disk	sepalate petalate		berry petiole
hirscentis	capitulations	sepalate petalate		State
cruciferous	long	sepalate petalate		Embryo
eryophylloceous	short	sepalate petalate		form straight bent rolled
papilionaceous	divy ramous	sepalate petalate		Position as to Albumen
anomalous	deciduous	sepalate petalate		outside inside
Duration	Gen. Features	sepalate petalate		Backside Direction Length
deciduous	included	sepalate petalate		Plumule Number Position Cotyledons Form
marcescent	exserted	sepalate petalate		Size Number Texture
persistent	sessile	sepalate petalate		Pericarp
Color	comitant	sepalate petalate		Texture membranous coriaceous succulent
calyx	Filament	sepalate petalate		
corolla	Form	sepalate petalate		
Surface	capillary	sepalate petalate		
calyx	filiform	sepalate petalate		
ribbed	Surface, a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z	sepalate petalate		
nerve	Attachment	sepalate petalate		
corolla	imbricate	sepalate petalate		
throat	adnate	sepalate petalate		
Texture		sepalate petalate		

REMARKS:

ORDER: No.

Name, { SCIENTIFIC,

} COMMON,

LOCALITY,

DATE, 187.....

CHECK TABLET.

GENERAL FEATURES.	8 hollow	8 spatulate	4 villous
Habit.	9 flexuose	9 oblong	5 silky
terrestrial	10 geniculate	10 elliptical	5 woolly
aquatic	11 tumid joint	11 oval	7 velvety
parasitic	12 round	12 round	3
aerial	13 ovate	13 ovate	Soft Hairs
Duration	14 sessile	14 obtusate	1 spinous
annual	15 A. D. C.	15 cuneate	2 hispid
biennial	Underground	16 umbonate	3 aciculate
perennial	17 rhizoma	17 tuberculate	4 spinous
Odor	18 tuber	Base	5 prickly
Juice	19 bulb	1 a acuminate	Petiole
Color	2 sessile	2 acute	Form
LEAVES.	3 petiolate	3 obtuse	Podale
Kinds	4 stipulate	4 truncate	Length
sessile	5 exstipulate	5 emarginate	Surface . a . b . c .
petiolate	6 equitant	6 cordate	Length
stipulate	7	7 auriculate	Height
exstipulate	8	8 hastate	marginated
equitant	9	9 pedate	clashing
Arrangement	10	10 reniform	sheathing
On the Stem.	11	11 clasping	Surface . a . b . c .
cauline	12	12 connate	Stipules
radical	13	13 decurrent	Form
ramal	14	14	a . b . c . d .
along the Axis.	15	15	Adhesion
alternate.	16	16	free
scattered.	C	1 a acuminate	acinate
rosulate	1	1 acute	clashing
fasciculate	2	2 obtuse	membranous
opposite	3	3 truncate	foliaceous
opposite	4	4 retuse	spinous
verticillate	5	5 emarginate	staccato
Duration	6	6 obcordate	erect
persistent	7	7 cuspidate	spreading
deciduous	8	8 mucronate	peridulous
Vernation	9	9 aristate	reticulate
Texture	10	10	BRACTS
succulent	d	1 a revolute	Form
coriaceous	1	1 entire	a . b . c . d .
rugose	2	2 serrate	Surface . a . b . c .
sericeous	3	3 denate	ven. Character
sericeous	4	4 crenate	reticulate
pubescent	5	5 repand	petalaceous
Venation.	6	6 sinuate	membranous
parallel.	7	7 incised	spinous
straight	8	8 fringed	chaffy
curved	9	9 ciliate	INFLORESCENCE
transverse	10	10	Terminal
Netto.	11	11 serrulate	solitary
pinnate	12	12 lobed	ovate
3-nerved	13	13 cleft	concave
5-nerved	14	14 parted	flat
radiate	15	15 pectinate	glomerule
Form.	16	16 lyrate	verticillaster
Compound.	17	17 runcinate	Axillary
pinnate	18	18 divided	solitary
palmate	19	19	raceme
foliate	20	20	corumb
Special Forms	Surface	No Hairs	unibel
stolons	1	1 glabrous	paniculate
stolons	2	2 glaucous	thyrsus
offsets	3	3 punctate	space
runners	4	4 verrucose	spadix
ramblers	5	5	caulic
thorns	1	1 pubescent	head
thorns	2	2	pubescent
Gen. Char.	3	3 lanceolate	pubescent
tercic	4	4	pubescent
striate	5	5	pubescent
grooved	6	6	pubescent
angled.	7	7	pubescent
solid			

GENERAL FEATURES.
Habit. terrestrial
 aquatic
 parasitic
 aerial

Duration
 annual
 biennial
 perennial

Odor
Juice
 Gen. Char.
 Turo.

ROOT.
 Form
 conical
 fusiform
 napiform
 ranose
 solvent
 fibrous
 fasciculate
 aerial

Gen. Char.
STEM.
 exogenous
 endogenous

Nature
 herbaceous
 suffruticose
 suffruticose
 fruticose
 arborescent
 arborescent

Dir. of Growth
 erect
 assurgent
 decumbent
 diffuse
 prostrate
 creeping
 climbing
 twining
 simple
 simple
 furcate
 recurrent
 racemose
 paniculate
 corymbose
 diffuse
 deliquescent

Special Forms
 stolons
 stolons
 offsets
 runners
 ramblers
 thorns
 thorns

Gen. Char.
 tercic
 striate
 grooved
 angled.
 solid

symmetrical
 complete
 perfect
 regular
 staminate
 pistillate
 neutral

Odor
Plan
 merous

Stalk
Podale
Length
Surface . a . b . c .
Podale
Length
Height

Involute
Form
 rosaceous
 cup-shaped
 hemispherical
 bell-shaped
 cylindrical
 conical
 ovoid

Scales
No. of rows.
Number.
Direction.
 erect
 spreading
 reflexed

Form . a . b . c . d .
Surface . a . b . c . d .
 petalaceous
 rosaceous
 spinous
 rigid
 chaffy

Receptacle
Form
 urn-shaped
 concave
 flat
 cylindrical
 elongated
 conical
 convex
 hemispherical

Disk
 hypogynous
 perigynous
 epigynous
Surface
 naked
 smooth
 punctate
 alveolate
 bristly

Gen. Character
 membranous
 spinous
 staccato
 persistent
 peridulous
 reticulate

BRACTS
Form
 a . b . c . d .
Surface . a . b . c .

Inflorescence
Terminal
 solitary
 ovate
 concave
 flat
 glomerule
 verticillaster

Axillary
 solitary
 raceme
 corumb
 unibel
 paniculate
 thyrsus
 space
 spadix
 caulic
 head

FLOWER.
Kinds

chuffy Texture	Sepals, Petals appressed spreading reflexed	versatile infrorse extrorse pendulous	included exserted	Surface, a, b, c, e.
Calyx-Corolla gamosepalous gamopetalous totate	sepal petal Form a, b, c, d spurred petals a, b, c, d	sessile petalate cordate lobed Dehiscence lateral	Color Character ribbed grooved furrowed	SEED Number
cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped	open valvate induplicate reduplicate inbricate confracted convolute plicata supervolv.	No. of Cells Dehiscence lateral	Form oblong ovate ovoid	Attachment sessile imbricate
tubular lobate galeate pungent personate spurred inflated sessate	Aestivation Number Position Inser-tion Hypogynous epigynous Gynandrous epipetalous	Pollin Pollinia Pistil Linds Cohesion Number Stigma Position Form discoid lobed filiform linear	Coats Surface, a, b, c, e.	Color Texture
truncate entire lobed cleft parted Fragus cup seaws awns bristles	Stamens Number Position Inser-tion Hypogynous epigynous Gynandrous epipetalous	Number Stigma Position Form discoid lobed filiform linear	Appendages entomcle straphilole wing comb	Albumen Quantity Texture Color
Epypetal us Polypetalous rosaceous fiataceous cruciferous curvophyllaceous papilionaceous anomalous	Length long short didymous tetradynamous Cohesion adipheous syngenes-tous	Style Form filiform branchin-t dec finite	Embryo Form straight bent rolled	Size outside inside
deciduous marcescent persistent Color calyx corolla Surface Form ribbed nerved corolla throat	Gen. Features included exserted sessile coarctant Filament Form capillary filiform	Position terminal lateral Number Ovary Adhesion superior half-superior inferior	Direction Length Pumule Number Position Corymbous Form	Size outside inside
Texture	Surface, a, b, c, d, e. Attachment imbricate adnate	No. of Cells Form	Size Number Texture	

REMARKS :

ORDER : No.
 Name, { SCIENTIFIC,
 { COMMON,
 LOCALITY, DATE, 187.....

CHECK TABLE.

GENERAL FEATURES

Habit. terrestrial
 aquatic
 psittac
 acid
Duration annual
 biennial
 perennial

Odor

Juice

Color

Taste

Gen. Char.

ROOT.

Form

conical

fusiform

napiiform

ranose

fibrous

fasciculate

arterial

Gen. Char.

STEM.

exogenous

endogenous

herbaceous

sulphureous

subfruticose

fruticose

arborescent

arborescent

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

diffuse

8 spatulate

9 oblong

10 elliptical

11 oval

12 round

13 ovate

14 obovate

15 cuculate

16 *Bacc.*

17 acuminate

18 acute

19 obtuse

20 truncate

21 retuse

22 emarginate

23 cordate

24 auriculate

25 hastate

26 pedate

27 reniform

28 clasping

29 connate

30 decurrent

31 *Apep.*

32 acuminate

33 acute

34 obtuse

35 truncate

36 retuse

37 emarginate

38 cordate

39 auriculate

40 hastate

41 pedate

42 reniform

43 clasping

44 connate

45 decurrent

46 *Apep.*

47 acuminate

48 acute

49 obtuse

50 truncate

51 retuse

52 emarginate

53 cordate

54 auriculate

55 hastate

56 pedate

57 reniform

58 clasping

59 connate

60 decurrent

61 *Apep.*

62 acuminate

63 acute

64 obtuse

65 truncate

66 retuse

67 emarginate

68 cordate

69 auriculate

70 hastate

71 pedate

72 reniform

73 clasping

74 connate

75 decurrent

76 *Apep.*

77 acuminate

78 acute

79 obtuse

80 truncate

4 villous

5 silky

6 woolly

7 velvety

8 *Stif. Hairs*

9 scabrous

10 hispid

11 aciculate

12 spinous

13 prickly

14 *Petiole*

15 form

16 grooved

17 compressed

18 peltate

19 *Lim.*

20 margined

21 clasping

22 sheathing

23 *Surface. a. b. c. d. e.*

24 *Stipules*

25 form

26 *a. b. c. d. e.*

27 *Adhesion*

28 tree

29 adnate

30 clasping

31 membranous

32 lanuginous

33 spinous

34 scabrous

35 *Durain.*

36 persistent

37 deciduous

38 *Fig. Hairs*

39 form

40 *a. b. c. d. e.*

41 *Surface. a. b. c. d. e.*

42 *vea. Chalcid.*

43 lanuginous

44 petaloidous

45 spinous

46 membranous

47 spinous

48 *INFLORES.*

49 *CENCE*

50 *Receptacle*

51 form

52 *Terminal*

53 solitary

54 cyclic

55 fasciculate

56 glomerulate

57 verticillate

58 *Axillary*

59 raceme

60 corymb

61 umbel

62 paniculate

63 thyrsoid

64 spike

65 *Soft Hairs*

66 acicular

67 striate

68 grooved

69 angled.

70 solid

1 symmetrical

2 complete

3 perfect

4 regular

5 striate

6 pliculate

7 neutral

8 *Odor*

9 *Stain*

10 *Planck*

11 *Length. Peduncle*

12 *Surface. a. b. c.*

13 *Petaloid*

14 *Capae*

15 *Surface. a. b. c.*

16 *Involucere*

17 form

18 rosaceous

19 cup-shaped

20 hemispherical

21 hemispherical

22 cylindrical

23 conical

24 conical

25 ovoid.

26 *Scales*

27 *No. of rows.*

28 *Number.*

29 *Direction.*

30 spread

31 spreading

32 subaxet

33 *Form. a. b. c. d. e.*

34 *Surface. a. b. c. d. e.*

35 *Texture*

36 petaloidous

37 lanuginous

38 spinous

39 spinous

40 spinous

41 spinous

42 spinous

43 spinous

44 spinous

45 spinous

46 spinous

47 spinous

48 spinous

49 spinous

50 spinous

51 spinous

52 spinous

53 spinous

54 spinous

55 spinous

56 spinous

57 spinous

58 spinous

59 spinous

60 spinous

61 spinous

62 spinous

63 spinous

64 spinous

65 spinous

66 spinous

67 spinous

68 spinous

69 spinous

70 spinous

</

.....chuffy Texture	.....versatile infuse extrose pendulous form.....saccharate.....pellets.....waxed.....cordate <i>lobed</i> No. of Cells Dehiscence.....lateral Pollen Pallinia	.....included.....exserted.....pre-central.....axillary.....funicular.....furrowed	Surface, a., b., c. Color Gen. Character.....ribbed.....grooved.....furrowed
Calyx, Corolla.....anopalous.....damopalous.....rotate.....saucer-shaped.....cup-shaped.....campanulate.....funnel-form.....silver-form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....galeate.....ringent.....perianate.....spurred.....indical.....saccate	.....capitate.....opposite.....infruct.....chrysochromous.....epigynous.....gynandrous.....on a disk.....epipetalous.....Length.....long.....short.....dichlamous.....tetradynamous.....Chesion.....adelphous.....syngenesious Gen. Features.....inched.....exserted.....sessile.....connivent.....Filament Form.....capillary.....filiform.....filiform Surface, a., b., c., d. .....Anther Attachment.....immate.....admate	.....No. of Cells.....superior.....half-superior.....inferior Form.....membranous.....cartilaginous.....succulent	SEED Number.....oblong.....ovate.....ovoid Form.....ascending.....horizontal.....pendulous.....suspended Number FRUIT.....septal.....loculiferous.....septifragile.....cupreous-fleshy Kinds.....fleshy.....berry.....psilo- .....pous Sono.....strupe Dry.....achonium.....utricle.....samara.....follicle.....saccone.....capsule.....silique.....siliqua.....pyxys Aggregate Accessory.....Multiple No. of Cells Odor Taste Pericarp Texture
Bosior.....tunicate.....ovate.....lobed.....cleft.....perled Pappus.....cup.....seeds.....awns.....bristles Polysepal us Polypetalous.....posaceous.....filaceous.....cruciferous.....short.....caryophyllaceous.....papilionaceous.....anomalous Duration.....deciduous.....narescent.....persistent Color.....calyx.....corolla Surface.....calyx.....ribbed.....nerved.....corolla.....throat Texture	.....close.....open.....simple.....multiple.....compound Stigma.....Torsion.....terminal.....lateral.....sessile Form.....disoid.....globose.....lobed.....filiform.....linear Calyx Form.....filiform.....branching.....declinate Position.....terminal.....lateral.....basilar Number Surface, a., b., c. Ovary Adhesion.....superior.....half-superior.....inferior No. of Cells Form Surface, a., b., c. Gen. Features	.....No. of Cells.....multiple.....No. of Cells.....Odor.....Taste.....Pericarp.....Texture	.....oblong.....ovate.....ovoid Attachment.....sessile.....funiculate Coats Surface, a., b., c. Color Texture Albumen Quantity Texture Color Embryo Form.....straight.....bent.....rolled Size Position as to Albumen.....outside.....inside Direction Length Plumule.....Vesicular.....Position.....Cereals Form Size Number Texture

REMARKS:

ORDER: No.

Name, { SCIENTIFIC,
 { COMMON,

LOCALITY,

DATE,

187

CHECK TABLE.

GENERAL FEATURES.

Habit.

- terrestrial
aquatic
parasitic
aridal

Duration

- annual
biennial
perennial

Odor

Juice

Color.

Taste.

Gen. Char.

ROOT.

Form

- conical
fusiform
napiform
ramose
solvent
fibrous
fasciculate
aerial

Gen. Char.

STEM.

- exogenous
endogenous

Nature

- herbaceous
suffrutescent
fruticose
arborescent
arboresous
erect
assurgent
decumbent
diffuse
prostrate
creeping
climbing
twining

Dir. of Growth

- simple
simple
furcate
excurrent
racemose
paniculate
corymbose
diffuse
deliquescent

Special Forms

- suckers
stolons
offsets
runners
tendrils
thorns
chairs
torre
striate
grooved
angled
solid

- 8 hollow
9 flexuose
10 geniculate
11 tumid joint

Surface

- a. b. c
13 ovate
14 obovate
15 cuneate

Color

Height

Underground

- 17 coram
18 tuber
19 bulb

LEAVES.

Kinds

- sessile
p. coriata
stipulate
equitant

Arrangement

On the Stem.

- cauline
radical
runcinal
Along the Axis—
alternate,
scattered

Duration

- persistent
deciduous
Vernation
succulent
coriaceous
ligose

Texture

- entire
serrate
dentate
crenate
repand
sinuate
inset
fringed
ciliate

Venation

- parallel
curved
transverse
Netted,
pinnate
3-nerved
5-nerved
radiate

Form.

- pinnate
palmate
lobate

Simple, Leaflets

- 1 filiform
2 acicular
3 acrose
4 subulate
5 linear

Gen. Char.

- 1 lanceolate
2 lanceolate
3 oblanceolate

- 4 villous
5 silky
6 woolly
7 velvety

Stiff Hair

- 1 scabrous
2 hispid
3 spinous
4 prickly

Petiole

Form

- terete
grooved
compressed
leaf-like

Kind

- marginated
clasping
sheathing

Surface

- a. b. c. d.

Stipules

- membranous
spinous
setaceous
persistent
deciduous

Duration

- ligulatus
BRACTS
a. b. c. d.

Gen. Character

- membranous
foliaceous
spinous
setaceous

Direction.

- erect
spreading
flexed

Form

- a. b. c. d.
a. b. c. d.
a. b. c. d.

Gen. Character

- petioidous
membranous
spinous
solitary
cyme
fascicle
glomerule
vertical lasher

Terminal

- raceme
corymb
umbel
panicle
thyrsate
spike
spadix
catkin
head

Axillary

- solitary
raceme
corymb
umbel
panicle
thyrsate
spike
spadix
catkin
head

Surface

- a. No hairs
1 glabrous
2 glaucous
3 punctate
4 verrucose
5 Soft hairs
1 puberulent
2 pilosus
3 pubescent

- symmetrical
complete
pericet
regular
staminate
psidulate
acutal

Odor

Plan

- merous
Peduncle
Length.
Surface, a. b. c.
Pedicel.
Length.
Scapo
Height.

Stalk

- cup-shaped
hemispherical
bell-shaped
cylindrical
conical
ovoid.

Scapes

Involute

- Scutes
No. of ribs.
Number.
Direction.

Form

- appressed
spreading
flexed
Form, a. b. c. d.
Surface, a. b. c. d.
Vexure

Receptacle

- urn-shaped
concave
flat
cylindrical
elongated
conical
convex
hemispherical
Disk.

Flower

- hypogynous
perigynous
epigynous
naked
smooth
pubescent
angulate
bristly

Flower

- Kinds
Kinds

CHECK TABLE.

GENERAL FEATURES	1 hollow	2 spatulate	3 villous	4 symmetrical
Habit.	5 flexuose	6 oblong	7 silky	8 complete
terrestrial	9 semi-ulate	10 elliptical	8 woolly	9 perfect
aquatic	11 tumid joint	11 oval	7 velvety	9 regular
parasitic	12 tubular	12 round	3	10 striate
aerial	13 ovate	13	4	10 pustulate
Duration	14 biannual	14 biannual	5	10 bestrid
annual	15	15	3	10
bicennial	16	16	3	10
perennial	17	17	3	10
Odor	18	18	3	10
Juice	19	19	3	10
Color.	20	20	3	10
Waxy.	21	21	3	10
ROOT.	22	22	3	10
Form	23	23	3	10
conical	24	24	3	10
fusiform	25	25	3	10
tupiform	26	26	3	10
ranose	27	27	3	10
solvent	28	28	3	10
fibrous	29	29	3	10
fasciculate	30	30	3	10
aerial	31	31	3	10
Gen. Char.	32	32	3	10
STEM.	33	33	3	10
erect	34	34	3	10
erig. enou	35	35	3	10
erig. enou	36	36	3	10
erig. enou	37	37	3	10
erig. enou	38	38	3	10
erig. enou	39	39	3	10
erig. enou	40	40	3	10
erig. enou	41	41	3	10
erig. enou	42	42	3	10
erig. enou	43	43	3	10
erig. enou	44	44	3	10
erig. enou	45	45	3	10
erig. enou	46	46	3	10
erig. enou	47	47	3	10
erig. enou	48	48	3	10
erig. enou	49	49	3	10
erig. enou	50	50	3	10
erig. enou	51	51	3	10
erig. enou	52	52	3	10
erig. enou	53	53	3	10
erig. enou	54	54	3	10
erig. enou	55	55	3	10
erig. enou	56	56	3	10
erig. enou	57	57	3	10
erig. enou	58	58	3	10
erig. enou	59	59	3	10
erig. enou	60	60	3	10
erig. enou	61	61	3	10
erig. enou	62	62	3	10
erig. enou	63	63	3	10
erig. enou	64	64	3	10
erig. enou	65	65	3	10
erig. enou	66	66	3	10
erig. enou	67	67	3	10
erig. enou	68	68	3	10
erig. enou	69	69	3	10
erig. enou	70	70	3	10
erig. enou	71	71	3	10
erig. enou	72	72	3	10
erig. enou	73	73	3	10
erig. enou	74	74	3	10
erig. enou	75	75	3	10
erig. enou	76	76	3	10
erig. enou	77	77	3	10
erig. enou	78	78	3	10
erig. enou	79	79	3	10
erig. enou	80	80	3	10
erig. enou	81	81	3	10
erig. enou	82	82	3	10
erig. enou	83	83	3	10
erig. enou	84	84	3	10
erig. enou	85	85	3	10
erig. enou	86	86	3	10
erig. enou	87	87	3	10
erig. enou	88	88	3	10
erig. enou	89	89	3	10
erig. enou	90	90	3	10
erig. enou	91	91	3	10
erig. enou	92	92	3	10
erig. enou	93	93	3	10
erig. enou	94	94	3	10
erig. enou	95	95	3	10
erig. enou	96	96	3	10
erig. enou	97	97	3	10
erig. enou	98	98	3	10
erig. enou	99	99	3	10
erig. enou	100	100	3	10

FLOWER.

Kinds

chaffy texture	Sopalis, Petals appressed spreading reflexed	versatile introrse extrorse conduplications	in bud exserted	Surface, <i>a, b, c</i> Color Gen. Character filibed apical improved
Calyx-Corolla G. uncepalous Gamopetalous	sepal petals Form a. b. c. d. e. d. spurred petals a. b. c. d. e. d.	sessile petate corolate lobed	Ovules Kind Orthotropous Campylotropous anatropous orthotropous Dist. in Ovary	SEED Number Form sessile oblong ovate ovoid
saucer-shaped cup-shaped campanulate funnel-form silver-form urn-shaped top-shaped lobular ligulate labiate salicete ringent perispermate spurred indented saccate	Aestivation open induplicate pedunculate imbriate contorted convolute plicata superficial	No. of Cells Dichotomous lateral	Attachment sessile funiculate	
Border Number entire lobed cleft parted	Stamens Number Position opposite alternate	Pollin Pollinia	Coats Surface, <i>a, b, c</i> Color Texture	
Pappus cup cap awns bristles	Imbricatio hypogynous perigynous epigynous gynobium on a disk epitachous	Pistil Kind closed open Collection simple multiple Compound	Appendages aril cupule wing comit	
Polypetalous resuscous filicous cruciferous carvophyllaceous papilionaceous anomalous	Length long short didynamous tetradynamous	Number Number Position terminal lateral basilar	Albumen Quantity Texture Color	
Duration deciduous marcescent persistent	Cohesion adcliphous saccaginescent	Style Form filiform decurvate	Embryo Form straight bent rolled	
Color calyx corolla	Gen. Features in bud exserted sessile connivent	Position terminal lateral basilar	Position as to Albumen outside inside	
Surface calyx ribbed nerved corolla throat	Filament Form capillary filiform	Number Surface, <i>a, b, c</i> Ovary Adhesion superior half-superior inferior	Direction Length Flumule Number Position	
Texture	Anchor Attachment innate adnate	No. of Cells Form Surface, <i>a, b, c</i> Gen. Features	Texture Corymbons Form Size Number Texture	

REMARKS:

ORDER:

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

No.

DATE,

187.

CHECK TABLE.

GENERAL FEATURES.	..... hollow	5	..... spatulate	4	..... villous	..... symmetrical
Habit.	..... flexuose	9	..... oblong	5	..... silky	..... complete
..... aquatic	..... geniculate	10	..... elliptical	6	..... woolly	..... perfect
..... terrestrial	..... tumid joint	11	..... oval	7	..... velvety	..... regular
..... parasitic	..... a. b. . . . c	12	..... rosahd	8	Shaft Hairs	..... stipitate
..... aerial	..... . . . . c	13	..... obovate	1	..... scabrous	..... pilistilate
Duration	Height	14	..... cucucate	2	..... hispid	..... neutral
..... annual	Underground	15	..... . . . . c	3	..... spinous	Odor
..... biennial	..... corn	16	Base	5	..... prickly	Plan
..... perennial	..... tuber	1	..... acuminate	9	Petiole	..... mucous
	..... bulb	2	..... acute	1	Form	Stalk
Juice	LEAVES.	3	..... obtuse	3	..... truncate	..... feacule
..... watery	Kinds	4	..... truncate	3	..... retuse	Length
..... Gen. Char.	..... sessile	5	..... emarginate	2	..... auriculate	Surface. a. b. . . c.
..... Gen. Char.	..... stipulate	6	..... cordate	7	..... auriculate	Length
ROOT.	..... exstipulate	7	..... auriculate	8	..... sagittate	Height. a. b. . . c.
Form	..... equitant	8	..... hastate	9	..... petiune	involute
..... conical	Arrangement	9	..... reniform	10	..... clasping	..... rosaceous
..... fusiform	On the Stem.	10	..... clasping	11	..... connate	..... cup-shaped
..... nupiform	..... cauline	13	..... connate	14	..... decurrent	..... hemispherical
..... ranose	..... radical	14	..... decurrent	15	..... . . . . d	..... heart-shaped
..... solvent	Along the Axis.	15	..... . . . . d	16	Stipules	..... cylindrical
..... fibrous	..... allucinate	1	Apex	10	..... Adhæscen	..... conical
..... fasciculate	..... scattered	2	..... acuminate	1	..... . . . . d	..... ovoid.
..... aerial	..... fasciculate	3	..... obtuse	2	Gen. Character	Scapæ
Gen. Char.	..... opposite	4	..... truncate	4	..... lobate	..... Scapæ
..... c	..... verticillate	5	..... emarginate	5	..... . . . . d	..... No. of rows.
STEM	Duration	6	..... deciduous	6	..... . . . . d	Number.
..... c	..... persistent	7	..... deciduous	7	..... . . . . d	Direction.
..... c	..... deciduous	8	Vernation	9	..... . . . . d	..... erect
..... c	..... deciduous	9	..... . . . . d	10	..... . . . . d	..... spreading
..... c	..... deciduous	10	..... . . . . d	11	..... . . . . d	..... reflexed
Texture	..... . . . . d	11	..... . . . . d	12	..... . . . . d	Form. a. b. . . c. d.
..... d	..... . . . . d	12	..... . . . . d	13	..... . . . . d	Surface. a. b. . . c.
..... d	..... . . . . d	13	..... . . . . d	14	..... . . . . d	..... . . . . d
..... d	..... . . . . d	14	..... . . . . d	15	..... . . . . d	..... . . . . d
..... d	..... . . . . d	15	..... . . . . d	16	..... . . . . d	..... . . . . d
..... d	..... . . . . d	16	..... . . . . d	17	..... . . . . d	..... . . . . d
..... d	..... . . . . d	17	..... . . . . d	18	..... . . . . d	..... . . . . d
..... d	..... . . . . d	18	..... . . . . d	19	..... . . . . d	..... . . . . d
..... d	..... . . . . d	19	..... . . . . d	20	..... . . . . d	..... . . . . d
..... d	..... . . . . d	20	..... . . . . d	21	..... . . . . d	..... . . . . d
..... d	..... . . . . d	21	..... . . . . d	22	..... . . . . d	..... . . . . d
..... d	..... . . . . d	22	..... . . . . d	23	..... . . . . d	..... . . . . d
..... d	..... . . . . d	23	..... . . . . d	24	..... . . . . d	..... . . . . d
..... d	..... . . . . d	24	..... . . . . d	25	..... . . . . d	..... . . . . d
..... d	..... . . . . d	25	..... . . . . d	26	..... . . . . d	..... . . . . d
..... d	..... . . . . d	26	..... . . . . d	27	..... . . . . d	..... . . . . d
..... d	..... . . . . d	27	..... . . . . d	28	..... . . . . d	..... . . . . d
..... d	..... . . . . d	28	..... . . . . d	29	..... . . . . d	..... . . . . d
..... d	..... . . . . d	29	..... . . . . d	30	..... . . . . d	..... . . . . d
..... d	..... . . . . d	30	..... . . . . d	31	..... . . . . d	..... . . . . d
..... d	..... . . . . d	31	..... . . . . d	32	..... . . . . d	..... . . . . d
..... d	..... . . . . d	32	..... . . . . d	33	..... . . . . d	..... . . . . d
..... d	..... . . . . d	33	..... . . . . d	34	..... . . . . d	..... . . . . d
..... d	..... . . . . d	34	..... . . . . d	35	..... . . . . d	..... . . . . d
..... d	..... . . . . d	35	..... . . . . d	36	..... . . . . d	..... . . . . d
..... d	..... . . . . d	36	..... . . . . d	37	..... . . . . d	..... . . . . d
..... d	..... . . . . d	37	..... . . . . d	38	..... . . . . d	..... . . . . d
..... d	..... . . . . d	38	..... . . . . d	39	..... . . . . d	..... . . . . d
..... d	..... . . . . d	39	..... . . . . d	40	..... . . . . d	..... . . . . d
..... d	..... . . . . d	40	..... . . . . d	41	..... . . . . d	..... . . . . d
..... d	..... . . . . d	41	..... . . . . d	42	..... . . . . d	..... . . . . d
..... d	..... . . . . d	42	..... . . . . d	43	..... . . . . d	..... . . . . d
..... d	..... . . . . d	43	..... . . . . d	44	..... . . . . d	..... . . . . d
..... d	..... . . . . d	44	..... . . . . d	45	..... . . . . d	..... . . . . d
..... d	..... . . . . d	45	..... . . . . d	46	..... . . . . d	..... . . . . d
..... d	..... . . . . d	46	..... . . . . d	47	..... . . . . d	..... . . . . d
..... d	..... . . . . d	47	..... . . . . d	48	..... . . . . d	..... . . . . d
..... d	..... . . . . d	48	..... . . . . d	49	..... . . . . d	..... . . . . d
..... d	..... . . . . d	49	..... . . . . d	50	..... . . . . d	..... . . . . d
..... d	..... . . . . d	50	..... . . . . d	51	..... . . . . d	..... . . . . d
..... d	..... . . . . d	51	..... . . . . d	52	..... . . . . d	..... . . . . d
..... d	..... . . . . d	52	..... . . . . d	53	..... . . . . d	..... . . . . d
..... d	..... . . . . d	53	..... . . . . d	54	..... . . . . d	..... . . . . d
..... d	..... . . . . d	54	..... . . . . d	55	..... . . . . d	..... . . . . d
..... d	..... . . . . d	55	..... . . . . d	56	..... . . . . d	..... . . . . d
..... d	..... . . . . d	56	..... . . . . d	57	..... . . . . d	..... . . . . d
..... d	..... . . . . d	57	..... . . . . d	58	..... . . . . d	..... . . . . d
..... d	..... . . . . d	58	..... . . . . d	59	..... . . . . d	..... . . . . d
..... d	..... . . . . d	59	..... . . . . d	60	..... . . . . d	..... . . . . d
..... d	..... . . . . d	60	..... . . . . d	61	..... . . . . d	..... . . . . d
..... d	..... . . . . d	61	..... . . . . d	62	..... . . . . d	..... . . . . d
..... d	..... . . . . d	62	..... . . . . d	63	..... . . . . d	..... . . . . d
..... d	..... . . . . d	63	..... . . . . d	64	..... . . . . d	..... . . . . d
..... d	..... . . . . d	64	..... . . . . d	65	..... . . . . d	..... . . . . d
..... d	..... . . . . d	65	..... . . . . d	66	..... . . . . d	..... . . . . d
..... d	..... . . . . d	66	..... . . . . d	67	..... . . . . d	..... . . . . d
..... d	..... . . . . d	67	..... . . . . d	68	..... . . . . d	..... . . . . d
..... d	..... . . . . d	68	..... . . . . d	69	..... . . . . d	..... . . . . d
..... d	..... . . . . d	69	..... . . . . d	70	..... . . . . d	..... . . . . d
..... d	..... . . . . d	70	..... . . . . d	71	..... . . . . d	..... . . . . d
..... d	..... . . . . d	71	..... . . . . d	72	..... . . . . d	..... . . . . d
..... d	..... . . . . d	72	..... . . . . d	73	..... . . . . d	..... . . . . d
..... d	..... . . . . d	73	..... . . . . d	74	..... . . . . d	..... . . . . d
..... d	..... . . . . d	74	..... . . . . d	75	..... . . . . d	..... . . . . d
..... d	..... . . . . d	75	..... . . . . d	76	..... . . . . d	..... . . . . d
..... d	..... . . . . d	76	..... . . . . d	77	..... . . . . d	..... . . . . d
..... d	..... . . . . d	77	..... . . . . d	78	..... . . . . d	..... . . . . d
..... d	..... . . . . d	78	..... . . . . d	79	..... . . . . d	..... . . . . d
..... d	..... . . . . d	79	..... . . . . d	80	..... . . . . d	..... . . . . d
..... d	..... . . . . d	80	..... . . . . d	81	..... . . . . d	..... . . . . d
..... d	..... . . . . d	81	..... . . . . d	82	..... . . . . d	..... . . . . d
..... d	..... . . . . d	82	..... . . . . d	83	..... . . . . d	..... . . . . d
..... d	..... . . . . d	83	..... . . . . d	84	..... . . . . d	..... . . . . d
..... d	..... . . . . d	84	..... . . . . d	85	..... . . . . d	..... . . . . d
..... d	..... . . . . d	85	..... . . . . d	86	..... . . . . d	..... . . . . d
..... d	..... . . . . d	86	..... . . . . d	87	..... . . . . d	..... . . . . d
..... d	..... . . . . d	87	..... . . . . d	88	..... . . . . d	..... . . . . d
..... d	..... . . . . d	88	..... . . . . d	89	..... . . . . d	..... . . . . d
..... d	..... . . . . d	89	..... . . . . d	90	..... . . . . d	..... . . . . d
..... d	..... . . . . d	90	..... . . . . d	91	..... . . . . d	..... . . . . d
..... d	..... . . . . d	91	..... . . . . d	92	..... . . . . d	..... . . . . d
..... d	..... . . . . d	92	..... . . . . d	93	..... . . . . d	..... . . . . d
..... d	..... . . . . d	93	..... . . . . d	94	..... . . . . d	..... . . . . d
..... d	..... . . . . d	94	..... . . . . d	95	..... . . . . d	..... . . . . d
..... d	..... . . . . d	95	..... . . . . d	96	..... . . . . d	..... . . . . d
..... d	..... . . . . d	96	..... . . . . d	97	..... . . . . d	..... . . . . d
..... d	..... . . . . d	97	..... . . . . d	98	..... . . . . d	..... . . . . d
..... d	..... . . . . d	98	..... . . . . d	99	..... . . . . d	..... . . . . d
..... d	..... . . . . d	99	..... . . . . d	100	..... . . . . d	..... . . . . d

chauffy Texture	versatile introrse extorse spreading	included cassered	Surface, a. b. c.
Calyx-Corolla G. monocarpous G. gamopetalous lobate	appressed reflexed	Flaccidation free-central axillary peritact	Gen. Character ribbed grooved furrowed
cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped tubular ligulate lobate galeate ringent personate spurred bilobed saccate	sepalis petals Form sepalis petals a. b. c. d. spurred petals a. b. c. d.	Ovules Kind orthotropous campylotropous diutropous amphitropous Dr. in Ovary erect	SEED Number Form oblong ovoid
Aestivation open valvate induplicate imbricate contorted convolute plaited superov.	Form orbate Dehiscence lateral	Attachment sessile lanceolate	Coats Surface, a. b. c.
Stamens Number Position Foliation Insertion hypogynous epigynous gyandrous on a disk epipetalous	Kind closed open simple multiple comp. and	FRUIT Dehiscence septaloid loculiferous circumscissile	Appendages runcinate stragipetale wing coma
Stamens Number Position Foliation Insertion hypogynous epigynous gyandrous on a disk epipetalous	Stigma terminal lateral sessile	Albumen Quantity Texture Color	Embryo Form straight bent rolled
Length long short dilatymonous tetradynamous Cohesion adelfeous syngonous	Form discoid obobose bilobed filiform linear	Stems Fleshy berry pepo pome	Size Position as to Albumen outside inside Radicle
Gen. Features included sessile connivent	Position terminal lateral basilar	Stems Scrape	Direction Length Pinnule Number Position Cotyledons Form
Flattened capillary filiform	Gen. Features included sessile connivent	Aggregate Accessory Multiple	Size Number Texture
Surface a. b. c. d. e.	Position superior inferior	No. of Cells	
Attachment imbricate admate	Gen. Features	Odor Taste Pericarp Texture membranous coriaceous succulent	

REMARKS:

ORDER: No.

Name, { SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE, 187.....

CHECK TABLET.

GENERAL FEATURES.

- Habit.** terrestrial
aquatic
aerial
Duration
annual
biennial
perennial

Odor

Juice

- Color
Taste
Con. Char.

ROOT.

- Form.** conical
fusiform
napiform
ranose
solvent
fibrous
fasciculate
aerial

Gen. Char.

STEM.

- exoracnos
endogenou
Nature
herbaceous
suffrutescent
sufruticose
fruticose
arborescent

Dir. of Growth

- erect
ascending
decumbent
diffuse
prostrate
creeping
climbing
twining

Branching

- simple
forkate
racemose
paniculate
corymbose
diffuse

SpecialForms

- suckers
stolons
offsets
runners
tendrils
thorns

Gen. Char.

- terete
striate
grooved
angled
solid

- hollow
flexuose
geminate
tumid joint

Surface

- reticulate
reticulate
c

Color

Height

Underground

- rhizomat

Form

- tuber
bulb
LEAVES.
Kinds
sessile
petiolate
stipulate
exstipulate
equitant

Arrangemen

On the Stem

- radial
radical
ramel

Along the Axis.—

- alternate
scattered
rosulate
fasciculate
opposite
verticillate

Duration

- peristent
deciduous

Vernation

- succulent
coriaceous
rugose

Texture

- scabrous
pubescent
glabrous

Venation.

- parallel
straight
curved
transverse

Netted.

- pinnate
3-nerved
5-nerved
radiate

Form.

- compand.
pinnate
palmate
foliate

Simple, Leaflets

- Gen. Outline*
filiform
acicular
acrose

Form.

- subulate
linear
lanccolate
oblanccolate

- villous
sabay
wooly
velvety

Soft Hairs

- scamrous
hispidate
stipuous
prickly

Petiole

Form

- terete
grooved
leaf-like
marginated
clasping
sheathing

Kind

- Surface, *a. b. c.*
Length

Stipules

- a. b. c.*
Form
Adhesion
force

Gen. Character

- clasping
membranous
foliaceous
spinous
saccateous

Duration

- peristent
deciduous
fingulipous

BRACTS

Form

- a. b. c.*
vel. character
petalaceous
petaloidous
membranous

INFLORES-

CENCE

Receptacle

Terminal

- solitary
cymic
paniculate
glomerule
verticillaster

Axillary

- solitary
paniculate
corymb
umbel
panicle
thyrsus
spice
spadix
catkin
head

FLOWER.

Kinds

- pubescent
pubescent
pubescent
pubescent

- symmetrical
complete
perfect
regular
staminate
bisulcate
neutral

Odor

- nervous

Plan

- Stalk
Foliate

Surface.

- a. b. c.*
Folicle
Length

Blight.

- Scale
Surface, *a. b. c.*
Form

Involute

- rosaceous
cup-shaped
hemispherical
bell-shaped
cylindrical
conical
ovoid

Scale

- No. of rows
Number
Direction

Direct.

- appressed
spreading
reflexed

Form.

- a. b. c.*
Surface, *a. b. c.*

Texture

- petaloidous
dulcaceous
scamrous
spinous
fingul

Receptacle

Form

- urn-shaped
concave
flat
cylindrical
elongated
conical

hemispherical

- convex
Disk
hypogynous
perigynous
epigynous

Surface

- naked
smooth
punctate
alveolate
bristly

..... chuffy Texture	..... included esserted	..... versatile intense extruse pendulous	..... included esserted	..... Surface, <i>a. b. c.</i> Color
Calyx. Corolla Glabrous Glandularous saucer-shaped cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped tubular ligulate lobate galeate ringent personate spurred indented sacate	..... sessile spreading reflexed sepals petals sepals petals spurred petals d c d	..... sagittate peltate ovate lobed <i>No. of Cells</i> <i>Dehiscence</i> lateral	..... axillary free-central parietal	..... Gen. Character ribbed grooved furrowed
Stamens Number alternate opposite hypogynous perigynous epigynous gynandrous on a disk lobed epitactous long short didynamous tetradynamous adiphous syncenesious included sessile comivent filament capillary filiform	..... closed open simple multiple compound stigma Position terminal lateral sessile Form discoid globose lobed filiform linear	..... No. of Cells Odor Taste Pericarp membranous coriaceous succulent	..... orthotropous anatropous parietal anatropous circumscissile	..... SEED Number oblong ovate ovoid
Border truncate entire lobed cleft parted Pappus cap scales awns bristles	..... ovary erect ascending horizontal pendulous Number Sepals Petals Fruit Sepals Petals Circumscissile	..... Aggregate Accessory Multiple No. of Cells Odor Taste Pericarp membranous coriaceous succulent	..... Dir. in Ovary erect ascending horizontal pendulous	..... Attachment funiculate Coats Surface, <i>a. b. c.</i> Color Texture
Polypetal us Polypetalous rosaceous bilabreous cruciferous curculifloraceous papilionaceous anomalous deciduous marcescent persistent Color calyx corolla Surface calyx ribbed.....erved corolla throat	..... Number Stigma Position terminal lateral sessile Form discoid globose lobed filiform linear Style Form filiform declinate Position terminal lateral basilar Number Surface, <i>a. b. c.</i> Ovary Adhesion superior half-superior inferior Form Surface, <i>a. b. c.</i> Gen. Features	..... No. of Cells Odor Taste Pericarp membranous coriaceous succulent	..... Attachment imbricate adnate	..... Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle Direction Length Plumule Number Position Cotyledons Form Size Number Texture
Texture.....	.....	.....	.....	.....

REMARKS :

ORDER :

Name, } SCIENTIFIC,
 } COMMON,
LOCALITY,

No.

DATE,

187.....

CHECK TABLE.

GENERAL FEATURES.	..... hollow	3	..... spatulate	7	..... villous
HABIT.	..... flexuose	6	..... oblong	5	..... silky
..... terrestrial	..... geniculate	10	..... elliptical	9	..... woolly
..... aquatic	..... tumid joint	11	..... oval	7	..... velvety
..... perennating	..... Surface	12	..... round	8	..... Soft Parts
..... aerial	..... a. b. c.	13	..... ovate	1	..... scabrous
Duration	Color.	14	..... cuneate	2	..... hispid
..... annual	..... stipulate	15	..... Underground	3	..... carinate
..... biennial	..... exstipulate	16	..... tuber	4	..... spinous
..... per-annual	..... sessile	17	..... bulb	5	..... prickly
Odor	..... LEAVES.	18	..... Kind	6	..... Petiole
..... Color	..... Kinds	19	..... sessile	1	..... Form
..... Taste	..... p. etolate	2	..... stipulate	2	..... Length
..... Gen. Char.	..... exstipulate	3	..... equitant	3	..... Surface
ROOT.	..... Arrangement	4	..... On the Stem.	4	..... a. b. c.
..... Form	..... conical	5	..... fasciculate	5	..... Length
..... fusiform	..... napiform	6	..... Along the Axis	6	..... Height
..... ramose	..... radiale	7	..... alternate.	7	..... Involute
..... fibrous	..... fasciculate	8	..... scattered	8	..... Form
..... fasciculate	..... acutal	9	..... rosulate	9	..... Surface
..... acutal	..... Gen. Char.	10	..... fasciculate	10	..... a. b. c.
Gen. Char.	..... exogenous	11	..... opposit	11	..... Scab
..... exogenous	..... endogenous	12	..... verticillate	12	..... Gen. Character
..... herbaceous	..... herbaceous	13	..... Duration	13	..... membranous
..... suffruticose	..... suffruticose	14	..... persistent	14	..... spinous
..... fruticose	..... fruticose	15	..... deciduous	15	..... Duration
..... arborescent	..... arborescent	16	..... Vernation	16	..... persistent
..... arborescent	..... arborescent	17	..... Texture	17	..... deciduous
..... erect	..... Dir. of Growth	18	..... succulent	18	..... Margin
..... assurgent	..... erect	19	..... succulent	19	..... revolute
..... decumbent	..... decumbent	20	..... rugose	20	..... entire
..... diffuse	..... diffuse	21	..... Venation.	21	..... serrate
..... creeping	..... creeping	22	..... straight	22	..... dentate
..... climbing	..... climbing	23	..... curved	23	..... crenate
..... twining	..... twining	24	..... transverse	24	..... repand
Branching	..... Retard.	25	..... pinnate	25	..... sinuate
..... simple	..... simple	26	..... 3 nerved	26	..... incisid
..... recurvent	..... recurvent	27	..... 5 nerved	27	..... fringed
..... paniculate	..... paniculate	28	..... radiate	28	..... ciliate
..... corymbose	..... corymbose	29	..... Form.	29	..... serrulate
..... diffuse	..... diffuse	30	..... pinnate	30	..... lobed
..... deliquescent	..... deliquescent	31	..... palmate	31	..... cleft
Special Forms	..... suckers	32	..... foliate	32	..... Surface
..... stolon	..... stolon	33	..... Simple, Leaflets	33	..... a. No Hairs
..... obsets	..... obsets	34	..... runners	34	..... glabrous
..... tendrils	..... tendrils	35	..... thorns	35	..... tomentose
..... thorns	..... thorns	36	..... acicular	36	..... punctate
Gen. Char.	..... striate	37	..... acrosc	37	..... verrucose
..... grooved	..... grooved	38	..... linear	38	..... Soft Hairs
..... angled.	..... angled.	39	..... lanceolate	39	..... pubescent
..... solid	..... solid	40	..... oblanccolate	40	..... pubescent
..... symmetrical	..... complete	41	..... complete	41	..... Stipules
..... pinnate	..... pinnate	42	..... pinnate	42	..... Form
..... regular	..... regular	43	..... Stipules	43	..... Form
..... staminate	..... staminate	44	..... Stipules	44	..... Form
..... pistillate	..... pistillate	45	..... Stipules	45	..... Form
..... neutral	..... neutral	46	..... Stipules	46	..... Form
..... Odor	..... Odor	47	..... Stipules	47	..... Form
..... Plan	..... Plan	48	..... Stipules	48	..... Form
..... Stalk	..... Stalk	49	..... Stipules	49	..... Form
..... Length	..... Length	50	..... Stipules	50	..... Form
..... Surface	..... Surface	51	..... Stipules	51	..... Form
..... Length	..... Length	52	..... Stipules	52	..... Form
..... Height	..... Height	53	..... Stipules	53	..... Form
..... Involute	..... Involute	54	..... Stipules	54	..... Form
..... Form	..... Form	55	..... Stipules	55	..... Form
..... Form	..... Form	56	..... Stipules	56	..... Form
..... Form	..... Form	57	..... Stipules	57	..... Form
..... Form	..... Form	58	..... Stipules	58	..... Form
..... Form	..... Form	59	..... Stipules	59	..... Form
..... Form	..... Form	60	..... Stipules	60	..... Form
..... Form	..... Form	61	..... Stipules	61	..... Form
..... Form	..... Form	62	..... Stipules	62	..... Form
..... Form	..... Form	63	..... Stipules	63	..... Form
..... Form	..... Form	64	..... Stipules	64	..... Form
..... Form	..... Form	65	..... Stipules	65	..... Form
..... Form	..... Form	66	..... Stipules	66	..... Form
..... Form	..... Form	67	..... Stipules	67	..... Form
..... Form	..... Form	68	..... Stipules	68	..... Form
..... Form	..... Form	69	..... Stipules	69	..... Form
..... Form	..... Form	70	..... Stipules	70	..... Form
..... Form	..... Form	71	..... Stipules	71	..... Form
..... Form	..... Form	72	..... Stipules	72	..... Form
..... Form	..... Form	73	..... Stipules	73	..... Form
..... Form	..... Form	74	..... Stipules	74	..... Form
..... Form	..... Form	75	..... Stipules	75	..... Form
..... Form	..... Form	76	..... Stipules	76	..... Form
..... Form	..... Form	77	..... Stipules	77	..... Form
..... Form	..... Form	78	..... Stipules	78	..... Form
..... Form	..... Form	79	..... Stipules	79	..... Form
..... Form	..... Form	80	..... Stipules	80	..... Form
..... Form	..... Form	81	..... Stipules	81	..... Form
..... Form	..... Form	82	..... Stipules	82	..... Form
..... Form	..... Form	83	..... Stipules	83	..... Form
..... Form	..... Form	84	..... Stipules	84	..... Form
..... Form	..... Form	85	..... Stipules	85	..... Form
..... Form	..... Form	86	..... Stipules	86	..... Form
..... Form	..... Form	87	..... Stipules	87	..... Form
..... Form	..... Form	88	..... Stipules	88	..... Form
..... Form	..... Form	89	..... Stipules	89	..... Form
..... Form	..... Form	90	..... Stipules	90	..... Form
..... Form	..... Form	91	..... Stipules	91	..... Form
..... Form	..... Form	92	..... Stipules	92	..... Form
..... Form	..... Form	93	..... Stipules	93	..... Form
..... Form	..... Form	94	..... Stipules	94	..... Form
..... Form	..... Form	95	..... Stipules	95	..... Form
..... Form	..... Form	96	..... Stipules	96	..... Form
..... Form	..... Form	97	..... Stipules	97	..... Form
..... Form	..... Form	98	..... Stipules	98	..... Form
..... Form	..... Form	99	..... Stipules	99	..... Form
..... Form	..... Form	100	..... Stipules	100	..... Form

..... chafly Texture	..... sessile spreading reflexed	..... versatile introrse extrorse pendulous	..... included exerted	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Calyx. Corolla	..... sepals petals Form	..... sagittate peltate awned cordate lobed	..... Flaccidation axillary lateral	..... Gen. Character ribbed grooved furrowed
Gamopetalous	..... a. b. c. d. petals	..... <i>a. b. c. d.</i> <i>d.</i> lobes	Ovules	SEED
..... saucer-shaped	..... a. b. c. d. petals	..... <i>a. b. c. d.</i> lobes	..... orthotropous campylotropous anatropous amphitropous	..... oblong ovate ovoid
..... cup-shaped	Aestivation	..... <i>a. b. c. d.</i> lobes	..... Dir. in Ovary	Form
..... campanulate	..... separate	..... <i>a. b. c. d.</i> lobes	..... ascending horizontal pendulous suspended	..... sessile funiculate
..... funnel-form	..... imbricate	Pistil	..... Number	Coats
..... silver-form	..... contorted	..... <i>a. b. c. d.</i> lobes	Dehiscence	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... urn-shaped	..... peltate	..... <i>a. b. c. d.</i> lobes	..... loculicidal spirally-twisted circumscissile	Appendages
..... top-shaped	..... superv. 1	Stamens	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... lobular	..... separate	..... Number	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... ligulate	..... imbricate	..... Position	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... lobate	..... repuplicate	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... ringent	..... imbricate	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... personate	..... contorted	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... spurred	..... peltate	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... inflated	..... superv. 1	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... Saccate	..... superv. 1	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Borâer	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... truncatic	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... cutic	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... lobed	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... cleft	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... parted	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Pappus	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... cap	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... scales	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... awns	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... bristles	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Polysepal us	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Polypetaluc	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... rosaceous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... filicaceous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... cruciferous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... curvophthalceous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... papilionaceous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... annulaceous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Duration	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... deciduous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... marcescent	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... persistent	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Color	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... calyx	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... corolla	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Surface	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... calyx	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... ribbed	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... nerved	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... corolla	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... throat	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
Texture	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... membranous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... coriaceous	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>
..... succulent	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c. d.</i> lobes	..... <i>a. b. c.</i> Surface, <i>d. e.</i>

REMARKS:

ORDER:

Name, { SCIENTIFIC,

{ COMMON,

LOCALITY,

DATE,

No.

187

..... clarity	..... versatile	..... included	..... Surface, a. b. . . c.
Texture	..... intorse	..... exerted	Color
Calyx. Corolla	..... pendulous	Flacuation	Gen. Character
..... G. unisepalous	..... sagittate	..... Free-central	..... ribbed
..... Gamopetalous	..... petalate	..... axillary	..... grooved
..... saucer-shaped	..... veined	..... parietal	..... furrowed
..... cup-shaped	..... cordate	Ovules	SEED
..... campanulate	..... <i>obovate</i>	..... Kind	..... Number
..... funnel-form	No. of Cells	..... orthotropous	Form
..... silver-form	Delimitation	..... campylotropous	..... oblong
..... urn-shaped	..... lateral	..... anatropous	..... ovate
..... top-shaped	Folium	..... amphitropous	..... ovoid
Activation	Follicula	Dir. in Ovary	Attachment
..... open	.....	..... erect	..... sessile
..... valvate	Pistil	..... ascending	..... funiculate
..... induplicate	..... Kind	..... pendulous	Coats
..... reduplicate	..... closed	..... horizontal	..... Surface, a. b. . . c.
..... imbricate	..... open	..... spiraling	Color
..... contorted	Cohesion	..... septal	Texture
..... convolute	..... simple	..... loculicidal	Appendages
..... plicate	..... multiple	..... septicidal	..... aril
..... supervo.	..... compound	..... circumscissile	..... caruncle
Stamens	Number	Kinds	..... strophole
..... Number	..... Stigma	..... Woody	..... wing
..... position	Position	..... berry	..... coma
..... opposite	..... terminal	..... pepo	Albumen
Insertion	..... lateral	..... pome	..... quantity
..... hypogynous	..... sessile	Stone	Texture
..... epigynous	Form	..... drupe	Color
..... gyn. adn. on a disk	..... discoid	..... DRY	Embryo
..... epipetalous	..... globose	..... antherium	..... straight
Length	..... lobed	..... utricle	..... bent
..... long	..... linear	..... follicle	..... rolled
..... short	Style	..... legume	Size
..... didynamous	Form	..... capsule	Position as to Albumen
..... tetradynamous	..... filiform	..... siliqua	..... outside
Cohesion	..... declinate	..... pycnis	..... inside
..... adcliphous	Position	Aggregate	Radicle
..... svngenesious	..... terminal	..... Accessory	Length
Gen. Features	..... lateral	..... Multiple	..... Plumbe
..... included	..... basilar	No. of Cells	..... Number
..... exserted	Number	Odor	..... Position
..... sessile	Surface, a. b. . . c.	..... superior	..... Copulations
..... connivent	..... Ovary	..... half-superior	..... Form
Filament	Adhesion	..... inferior	Form
..... capillary	..... superior	No. of Cells	Texture
..... filiform	..... inferior	Form	..... membranous
Surface, a. b. . . c.	Form	Surface	..... contaccous
.....	.....	.....	..... succulent
Attachment	Surface, a. b. . . c.	Gen. Features	
..... imitate	.....	
..... adnate			

REMARKS:

ORDER:

Name, } SCIENTIFIC,

LOCALITY, } COMMON,

No.

DATE,

187.

CHECK TABLE.

GENERAL FEATURES.	18	scutate	4	villos	4	symmetrical
Habit.	19	sessile	5	silky	5	complete
terrestrial	20	obovate	6	wooly	6	perfect
aquatic	21	ovoid	7	velvety	7	resinate
parasitic	13	ovate	1	scabrous	1	stimate
aerial	14	obovate	2	hispid	2	pubescent
Duration	15	obovate	3	spinous	3	pedicel
annual	16	obovate	4	prickly	4	neutral
bicennial	b	acuminate	5		5	merous
perennial	1	acutic				
Odor	2	obtus				
juicy	3	truncate				
Gen. Char.	4	recurve				
Base	5	emarginate				
Gen. Char.	6	cordate				
ROOT.	7	auriculate				
Form	8	sagittate				
conical	9	obovate				
fusiform	10	pellate				
nupiform	11	reniform				
ramose	12	clashing				
solvent	13	comate				
fibrous	14	decurrent				
fasciculate	15					
aerial	16					
Gen. Char.	17					
STEM.	18					
exogenous	1	acuminate				
endogenous	2	acute				
herbaceous	3	obtus				
suffruticose	4	truncate				
imbricate	5	recurve				
arborescent	6	emarginate				
arbores	7	cordate				
creeping	8	sagittate				
climbing	9	obovate				
twining	10	macronate				
simple	11	aristate				
furcate	12					
racemose	13					
paniculate	14					
capitate	15					
capitate	16					
dilute	17					
deliquescent	18					
Special Forms	19					
suckers	1					
stolons	2					
runners	3					
tendrils	4					
thorns	5					
Gen. Char.	6					
terete	1					
striate	2					
grooved	3					
angled	4					
solid	5					
hollow	6					
flexuose	7					
geniculate	8					
tumid joint	9					
Surface	10					
a. b. c.	11					
Color	12					
Underground	13					
rhizomat	14					
corn	15					
tuber	16					
LEAVES.	17					
Kinds	18					
sessile	1					
petiolate	2					
stipulate	3					
es-stipulate	4					
equitant	5					
Arrangement	6					
On the Stem.	7					
canine	1					
radical	2					
ramul	3					
Along the Axis—	4					
alternate	1					
scattered	2					
rostrate	3					
fasciculate	4					
opposite	5					
verticillate	6					
Duration	7					
persistent	1					
deciduous	2					
Vernation	3					
Texture	4					
succulent	1					
coriaceous	2					
rigid	3					
Venation.	4					
Parallel	1					
straight	2					
curved	3					
transverse	4					
Netted.	5					
pinnate	1					
3-nerved	2					
5-nerved	3					
radiate	4					
Form.	5					
Compound.	6					
pinnate	1					
palinate	2					
foliate	3					
Simple, Leaflets	4					
Gen., <i>Ordering</i>	5					
filiform	1					
acicular	2					
aceroso	3					
subulate	4					
linear	5					
imbriculate	6					
oblancheolate	7					
spatulate	8					
oblong	9					
elliptical	10					
round	11					
ovate	12					
obovate	13					
obovate	14					
obovate	15					
obovate	16					
obovate	17					
obovate	18					
obovate	19					
obovate	20					
obovate	21					
obovate	22					
obovate	23					
obovate	24					
obovate	25					
obovate	26					
obovate	27					
obovate	28					
obovate	29					
obovate	30					
obovate	31					
obovate	32					
obovate	33					
obovate	34					
obovate	35					
obovate	36					
obovate	37					
obovate	38					
obovate	39					
obovate	40					
obovate	41					
obovate	42					
obovate	43					
obovate	44					
obovate	45					
obovate	46					
obovate	47					
obovate	48					
obovate	49					
obovate	50					
obovate	51					
obovate	52					
obovate	53					
obovate	54					
obovate	55					
obovate	56					
obovate	57					
obovate	58					
obovate	59					
obovate	60					
obovate	61					
obovate	62					
obovate	63					
obovate	64					
obovate	65					
obovate	66					
obovate	67					
obovate	68					
obovate	69					
obovate	70					
obovate	71					
obovate	72					
obovate	73					
obovate	74					
obovate	75					
obovate	76					
obovate	77					
obovate	78					
obovate	79					
obovate	80					
obovate	81					
obovate	82					
obovate	83					
obovate	84					
obovate	85					
obovate	86					
obovate	87					
obovate	88					
obovate	89					
obovate	90					
obovate	91					
obovate	92					
obovate	93					
obovate	94					
obovate	95					
obovate	96					
obovate	97					
obovate	98					
obovate	99					
obovate	100					

..... chaffy Texture	..... included asserted	..... versatile introrse extrorse pendulous	..... included asserted	..... included asserted	..... included asserted
Calyx. Corolla Gymnoperalous Gamopetalous rotate saucer-shaped cup-shaped campanulate funnel-form sulver-form urn-shaped top-shaped tubular ligulate bilobate galeate ringent personate spurred inflated succate	Sepals, Petals appressed spreading reflexed sepals petals Form a. b. c. d. spurred petals a. b. c. d.	No. of Cells. lateral Follicl Follicula	Flaccidation neutral asilary inflexed	Color ribbed grooved furrowed	Gen. Character
Aestivation open valvate induplicate reduplicate imbricate contorted convolute pliate supervolute	Stamens position alternate opposite insertion hypogynous epigynous gynandrous on a disk circumscissile epipetalous long short didynamous tetradynamous Cohesion adcliphous syncarpous Gen. Features included asserted sessile comitent	Stigma Position terminal lateral sessile Form discoid grobose lobed filiform linear Style Form branched declinate Position terminal lateral basilar	Kind fleshy bery papo pomie Stone drupe Dry achenium utricle samara follicle k-gume capsule silique silicle pyxis	SEE Number oblong ovate ovoid	Color
Border truncate entire lobed cleft portul Pappus (cup) scales awns bristles	Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Form oblong ovate ovoid	SEE Number oblong ovate ovoid	Color
Polysepal us Polypetalous bilobous trilobous cruciferous euryphyllaceous psophomaceous anomalous Duration deciduous marcescent persistent Color calyx corolla calyx ribbed nerved corolla throat	Form discoid lobed linear Style Form branched declinate Position terminal lateral basilar	Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Form oblong ovate ovoid	SEE Number oblong ovate ovoid	Color
Texture	Gen. Features included asserted sessile comitent	No. of Cells lateral half-superior interior Form	Form oblong ovate ovoid	SEE Number oblong ovate ovoid	Color
Remarks:	Flament capillary filiform	Surface, a. b. c. d.	Attachment imate adnate	SEE Number oblong ovate ovoid	Color
ORDER:	Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	Surface, a. b. c. d.	Form oblong ovate ovoid	SEE Number oblong ovate ovoid	Color
Name, { SCIENTIFIC, } COMMON, } LOCALITY,	Aggregato Aggregate Accessory Multiple	Surface, a. b. c. d.	Form oblong ovate ovoid	SEE Number oblong ovate ovoid	Color
NO.	Aggregato Aggregate Accessory Multiple	Surface, a. b. c. d.	Form oblong ovate ovoid	SEE Number oblong ovate ovoid	Color
DATE,	Aggregato Aggregate Accessory Multiple	Surface, a. b. c. d.	Form oblong ovate ovoid	SEE Number oblong ovate ovoid	Color
187	Aggregato Aggregate Accessory Multiple	Surface, a. b. c. d.	Form oblong ovate ovoid	SEE Number oblong ovate ovoid	Color

REMARKS:

ORDER:

Name, { SCIENTIFIC, } COMMON, } LOCALITY,

NO.

DATE,

187

CHECK TABLET.

GENERAL FEATURES.	8 hollow	9 spatulate	10 villous	11 symmetrical
Habit.	12 flexuose	13 oblong	14 silky	15 complete
	16 geniculate	17 elliptical	18 woolly	19 perfect
	19 laminal joint	20 oval	21 velvety	22 regular
	21 a. b. c.	22 round	23 stiff hairs	24 staminee
Surface	23 ovate	24 obtuse	25 scabrous	26 pustulate
Color	25 cuneate	26 truncate	27 hispid	28 neutrate
Height	26	27	28	29
Underground	27	28	29	30
Odor	28	29	30	31
Juice	29	30	31	32
Color.	30	31	32	33
Taste.	31	32	33	34
Gen. Char.	32	33	34	35
ROOT.	33	34	35	36
Form	34	35	36	37
Gen. Char.	35	36	37	38
STEM.	36	37	38	39
Nature	37	38	39	40
Gen. Char.	38	39	40	41
Form	39	40	41	42
Gen. Char.	40	41	42	43
Form	41	42	43	44
Gen. Char.	42	43	44	45
Form	43	44	45	46
Gen. Char.	44	45	46	47
Form	45	46	47	48
Gen. Char.	46	47	48	49
Form	47	48	49	50
Gen. Char.	48	49	50	51
Form	49	50	51	52
Gen. Char.	50	51	52	53
Form	51	52	53	54
Gen. Char.	52	53	54	55
Form	53	54	55	56
Gen. Char.	54	55	56	57
Form	55	56	57	58
Gen. Char.	56	57	58	59
Form	57	58	59	60
Gen. Char.	58	59	60	61
Form	59	60	61	62
Gen. Char.	60	61	62	63
Form	61	62	63	64
Gen. Char.	62	63	64	65
Form	63	64	65	66
Gen. Char.	64	65	66	67
Form	65	66	67	68
Gen. Char.	66	67	68	69
Form	67	68	69	70
Gen. Char.	68	69	70	71
Form	69	70	71	72
Gen. Char.	70	71	72	73
Form	71	72	73	74
Gen. Char.	72	73	74	75
Form	73	74	75	76
Gen. Char.	74	75	76	77
Form	75	76	77	78
Gen. Char.	76	77	78	79
Form	77	78	79	80
Gen. Char.	78	79	80	81
Form	79	80	81	82
Gen. Char.	80	81	82	83
Form	81	82	83	84
Gen. Char.	82	83	84	85
Form	83	84	85	86
Gen. Char.	84	85	86	87
Form	85	86	87	88
Gen. Char.	86	87	88	89
Form	87	88	89	90
Gen. Char.	88	89	90	91
Form	89	90	91	92
Gen. Char.	90	91	92	93
Form	91	92	93	94
Gen. Char.	92	93	94	95
Form	93	94	95	96
Gen. Char.	94	95	96	97
Form	95	96	97	98
Gen. Char.	96	97	98	99
Form	97	98	99	100
Gen. Char.	98	99	100	101
Form	99	100	101	102
Gen. Char.	100	101	102	103
Form	101	102	103	104
Gen. Char.	102	103	104	105
Form	103	104	105	106
Gen. Char.	104	105	106	107
Form	105	106	107	108
Gen. Char.	106	107	108	109
Form	107	108	109	110
Gen. Char.	108	109	110	111
Form	109	110	111	112
Gen. Char.	110	111	112	113
Form	111	112	113	114
Gen. Char.	112	113	114	115
Form	113	114	115	116
Gen. Char.	114	115	116	117
Form	115	116	117	118
Gen. Char.	116	117	118	119
Form	117	118	119	120
Gen. Char.	118	119	120	121
Form	119	120	121	122
Gen. Char.	120	121	122	123
Form	121	122	123	124
Gen. Char.	122	123	124	125
Form	123	124	125	126
Gen. Char.	124	125	126	127
Form	125	126	127	128
Gen. Char.	126	127	128	129
Form	127	128	129	130
Gen. Char.	128	129	130	131
Form	129	130	131	132
Gen. Char.	130	131	132	133
Form	131	132	133	134
Gen. Char.	132	133	134	135
Form	133	134	135	136
Gen. Char.	134	135	136	137
Form	135	136	137	138
Gen. Char.	136	137	138	139
Form	137	138	139	140
Gen. Char.	138	139	140	141
Form	139	140	141	142
Gen. Char.	140	141	142	143
Form	141	142	143	144
Gen. Char.	142	143	144	145
Form	143	144	145	146
Gen. Char.	144	145	146	147
Form	145	146	147	148
Gen. Char.	146	147	148	149
Form	147	148	149	150
Gen. Char.	148	149	150	151
Form	149	150	151	152
Gen. Char.	150	151	152	153
Form	151	152	153	154
Gen. Char.	152	153	154	155
Form	153	154	155	156
Gen. Char.	154	155	156	157
Form	155	156	157	158
Gen. Char.	156	157	158	159
Form	157	158	159	160
Gen. Char.	158	159	160	161
Form	159	160	161	162
Gen. Char.	160	161	162	163
Form	161	162	163	164
Gen. Char.	162	163	164	165
Form	163	164	165	166
Gen. Char.	164	165	166	167
Form	165	166	167	168
Gen. Char.	166	167	168	169
Form	167	168	169	170
Gen. Char.	168	169	170	171
Form	169	170	171	172
Gen. Char.	170	171	172	173
Form	171	172	173	174
Gen. Char.	172	173	174	175
Form	173	174	175	176
Gen. Char.	174	175	176	177
Form	175	176	177	178
Gen. Char.	176	177	178	179
Form	177	178	179	180
Gen. Char.	178	179	180	181
Form	179	180	181	182
Gen. Char.	180	181	182	183
Form	181	182	183	184
Gen. Char.	182	183	184	185
Form	183	184	185	186
Gen. Char.	184	185	186	187
Form	185	186	187	188
Gen. Char.	186	187	188	189
Form	187	188	189	190
Gen. Char.	188	189	190	191
Form	189	190	191	192
Gen. Char.	190	191	192	193
Form	191	192	193	194
Gen. Char.	192	193	194	195
Form	193	194	195	196
Gen. Char.	194	195	196	197
Form	195	196	197	198
Gen. Char.	196	197	198	199
Form	197	198	199	200
Gen. Char.	198	199	200	201
Form	199	200	201	202
Gen. Char.	200	201	202	203
Form	201	202	203	204
Gen. Char.	202	203	204	205
Form	203	204	205	206
Gen. Char.	204	205	206	207
Form	205	206	207	208
Gen. Char.	206	207	208	209
Form	207	208	209	210
Gen. Char.	208	209	210	211
Form	209	210	211	212
Gen. Char.	210	211	212	213
Form	211	212	213	214
Gen. Char.	212	213	214	215
Form	213	214	215	216
Gen. Char.	214	215	216	217
Form	215	216	217	218
Gen. Char.	216	217	218	219
Form	217	218	219	220
Gen. Char.	218	219	220	221
Form	219	220	221	222
Gen. Char.	220	221	222	223
Form	221	222	223	224
Gen. Char.	222	223	224	225
Form	223	224	225	226
Gen. Char.	224	225	226	227
Form	225	226	227	228
Gen. Char.	226	227	228	229
Form	227	228	229	230
Gen. Char.	228	229	230	231
Form	229	230	231	232
Gen. Char.	230	231	232	233
Form	231	232	233	234
Gen. Char.	232	233	234	235
Form	233	234	235	236
Gen. Char.	234	235	236	237
Form	235	236	237	238
Gen. Char.	236	237	238	239
Form	237	238	239	240
Gen. Char.	238	239	240	241
Form	239	240	241	242
Gen. Char.	240	241	242	243
Form	241	242	243	244
Gen. Char.	242	243	244	245
Form	243	244	245	246
Gen. Char.	244	245	246	247
Form	245	246	247	248
Gen. Char.	246	247	248	249
Form	247	248	249	250</

.....chaffy Texture	.....versatile.....intrinsic.....extreme.....pendulous Form	.....included.....exserted	Surface, a. b. c.
Calyx-Corolla G. monocarpous G. monopetalous.....rotate.....saucer-shaped.....cup-shaped.....campanulate.....funnel-form.....silver-form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....ginkate.....ringent.....peronate.....spurred.....inflated.....saccate	.....appressed.....spreading.....reflexed.....sepalis.....petalis Form.....sepalis.....a. b. c. d. .....spurred.....petalis.....a. b. c. d.	.....axillary.....arterial	Gen. Character.....ribbed.....arrowed
Stamens Number Position Insertion Opposition.....by coxynous.....coxynous.....gyrinarium.....on a disk.....epipetalous Length.....big.....short.....dichotomous.....tetradynamous Cohesion.....adcephalous.....sugestuous Gen. Features.....included.....exserted.....sessile.....connivent.....filamentous.....capillary.....filiform	.....closed.....open.....simple.....multiple.....compound Stigma Position.....terminal.....lateral.....sessile Form.....obscoid.....obovate.....filiform.....linear Style Form.....biflorous.....branching.....declinate Position.....terminal.....lateral.....basilar Number Surface, a. b. c. Ovary Adhesion.....superior.....half-superior.....inferior No. of Cells Form Surface, a. b. c. Gen. Features	.....ascending.....horizontal.....pendulous.....suspended Dir. in Ovary.....areol.....orthotropous.....campylotropous.....anathropous.....anaphitropous	SEED Number Form.....oblong.....ovate.....ovoid
Border Number.....truncate.....entrate.....lobed.....cleft.....parted Pappus.....cup.....scales.....awns.....bristles Elytral.....saccous.....lilaceous.....crudiferous.....curvophyllaceous.....papilionaceous.....anomalous Duration.....deciduous.....marcescent.....persistent Color.....calyx.....corolla Striaco.....calyx.....ribbed.....nerved.....corolla.....throat Texture	.....obovate.....oblong.....obovoid Attachment.....sessile.....funiculate Coats Surface, a. b. c. Color Texture Appendages.....aril.....strophole.....wing.....coma Albumen quantity Texture Color Embryo Form.....straight.....bent.....rolled Size Position as to Albumen.....outside.....inside Direction Length Fimule Number Position Cotyledons Form Size Number Texture	.....oblong.....obovoid Attachment.....sessile.....funiculate Coats Surface, a. b. c. Color Texture Appendages.....aril.....strophole.....wing.....coma Albumen quantity Texture Color Embryo Form.....straight.....bent.....rolled Size Position as to Albumen.....outside.....inside Direction Length Fimule Number Position Cotyledons Form Size Number Texture	SEED Number Form.....oblong.....ovate.....obovoid Attachment.....sessile.....funiculate Coats Surface, a. b. c. Color Texture Appendages.....aril.....strophole.....wing.....coma Albumen quantity Texture Color Embryo Form.....straight.....bent.....rolled Size Position as to Albumen.....outside.....inside Direction Length Fimule Number Position Cotyledons Form Size Number Texture
REMARKS:	ORDER :	No.	
Name, { SCIENTIFIC,			
{ COMMON,			
LOCALITY,	DATE,		187.

CHECK TABLET.

GENERAL FEATURES.

Habit.

- 1 terrestrial
- 2 aquatic
- 3 parasitic
- 4 aerial
- 5 annual
- 6 biennial
- 7 per annual

Odor

- 1 noneous

Juice

- 1 Color
- 2 Taste

Gen. Char.

Form

- 1 fusiform
- 2 napiform
- 3 rhizome
- 4 fibrous
- 5 fasciculate
- 6 aerial

- 5 spatulate
- 9 oblong
- 10 elliptical
- 11 oval
- 12 rotund
- 13 ovate
- 14 obovate
- 15 cuneate

Surface

- 1 a.
- 2 b.
- 3 c.

Color

- 1 Height

Underground

- 1 rhizoid
- 2 corm
- 3 tuber
- 4 bulb

Leaves.

Kinds

- 1 sessile
- 2 petiolate
- 3 stipulate
- 4 costipulate
- 5 equitant
- 6 Arrangement
- 7 On the Stem.
- 8 cauline
- 9 radical
- 10 rained
- 11 Along the Axis.
- 12 alternate.
- 13 scattered.
- 14 rosette.
- 15 fasciculate
- 16 opposite
- 17 verticillate

Duration

- 1 persistent
- 2 deciduous

Vernation

- 1 Texture
- 2 succulent
- 3 coriaceous
- 4 rugose
- 5 scabrous

Venation.

- 1 straight
- 2 curved
- 3 transverse

Netted.

- 1 pinnate
- 2 3-nerved
- 3 5-nerved
- 4 radiate

Form.

- 1 Compound.
- 2 palmate
- 3 lobate

Simple Leaflets

- 1 Gen. *Opposite*
- 2 fl. form
- 3 acticular
- 4 acrose
- 5 subulate
- 6 linear
- 7 lanceolate
- 8 oblanceolate

Soft Hairs

- 1 puberulent
- 2 pilosus
- 3 pubescent

- 1 villous
- 5 silky
- 6 woolly
- 7 velvety

Soft Hairs

- 1 glandular
- 2 bristly
- 3 scutate
- 4 spinous
- 5 prickly

Petiole

- 1 Form
- 2 terete
- 3 grooved
- 4 compressed
- 5 leaf-like

Kind

- 1 margined
- 2 clasping
- 3 sheathing
- 4 Surface *a. b. c.*
- 5 Length.

Stipules

- 1 Form
- 2 *a. b. c. d.*
- 3 Adhesion
- 4 indurate
- 5 clasping
- 6 membranous
- 7 foliaceous
- 8 spinous
- 9 mucronate
- 10 persistent
- 11 deciduous

BRACTS

- 1 Form
- 2 *a. b. c. d.*
- 3 Surface *a. b. c.*
- 4 ven. Character
- 5 membranous
- 6 petaloidous
- 7 spinous

INFLORESCENCE

Receptacle

- 1 Terminal
- 2 solitary
- 3 cymose
- 4 fascicel
- 5 glomerate
- 6 verticillaster

Axillary

- 1 solitary
- 2 cymose
- 3 fascicel
- 4 glomerate
- 5 verticillaster

Form

- 1 corymb
- 2 umbel
- 3 panicle
- 4 thyrsus
- 5 spike
- 6 spadix
- 7 catkin
- 8 head

FLOWER.

Kinds

- 1 hemispherical
- 2 Dist.
- 3 hypogynous
- 4 perigynous
- 5 epigynous

Stamens

- 1 naked
- 2 smooth
- 3 punctate
- 4 aviculate
- 5 bristly

- 1 symmetrical
- 2 complete
- 3 perfect
- 4 regular
- 5 unilate
- 6 pistillate
- 7 neutral

Odor

- 1 Plan

Stalk

- 1 Form
- 2 Longth.
- 3 Surface *a. b. c.*
- 4 Petiole
- 5 Length.

Height.

- 1 Surface *a. b. c.*
- 2 Form

Involute

- 1 rosaceous
- 2 cup-shaped
- 3 hemispherical
- 4 bell-shaped
- 5 cylindrical
- 6 conical
- 7 ovoid.

Scales

- 1 No. of rows.
- 2 Number.

Direction.

- 1 erect
- 2 spreading
- 3 reflexed

Form *a. b. c. d.*

- 1 Surface *a. b. c.*
- 2 Venure
- 3 petaloidous
- 4 foliaceous
- 5 scarious
- 6 spinous
- 7 flat
- 8 body.

Terminal

- 1 urn-shaped
- 2 concave
- 3 flat
- 4 cylindrical
- 5 elongated
- 6 conical
- 7 convex
- 8 hemispherical

Dist.

- 1 hypogynous
- 2 perigynous
- 3 epigynous

Stamens

- 1 naked
- 2 smooth
- 3 punctate
- 4 aviculate
- 5 bristly

CHECK TABLET.

GENERAL FEATURES.	8 hollow	9 spatulate	4 villous	5 complete
Habit.	10 flexuose	11 oblong	5 silky	6 perfect
11 terrestrial	12 geminate	12 elliptical	6 woolly	7 reg. char.
12 aquatic	13 tumid joint	13 oval	7 velvety	8 staminate
13 sessile	14 <i>a. b. c.</i>	14 round	8 Stiff Hairs	9 pistillate
14 arisal	15 <i>a. b. c.</i>	15 ovate	1 <i>a. b. c.</i>	10 neutral
Duration	16 Height	16 Color	1 <i>a. b. c.</i>	11 Odor
1 annual	17 Underground	17 Height	2 <i>a. b. c.</i>	12 Plan
2 biennial	18 <i>a. b. c.</i>	18 Underground	3 <i>a. b. c.</i>	13 Stalk
3 perennial	19 <i>a. b. c.</i>	19 Underground	4 <i>a. b. c.</i>	14 Edaculo
Odor	20 Base	20 Base	5 prickly	15 Length
1 tuber	1 <i>a. b. c.</i>	1 <i>a. b. c.</i>	6 Petiole	16 Form
2 bulb	2 <i>a. b. c.</i>	2 <i>a. b. c.</i>	7 <i>a. b. c.</i>	17 Surface
LEAVES.	3 <i>a. b. c.</i>	3 <i>a. b. c.</i>	8 Kind	18 <i>a. b. c.</i>
Kinds	4 <i>a. b. c.</i>	4 <i>a. b. c.</i>	9 <i>a. b. c.</i>	19 Involute
1 sessile	5 <i>a. b. c.</i>	5 <i>a. b. c.</i>	10 <i>a. b. c.</i>	20 Form
2 petiolate	6 <i>a. b. c.</i>	6 <i>a. b. c.</i>	11 <i>a. b. c.</i>	21 rosaceous
3 stipulate	7 <i>a. b. c.</i>	7 <i>a. b. c.</i>	12 <i>a. b. c.</i>	22 cup-shaped
4 cespitulate	8 <i>a. b. c.</i>	8 <i>a. b. c.</i>	13 <i>a. b. c.</i>	23 hemispherical
5 equitant	9 <i>a. b. c.</i>	9 <i>a. b. c.</i>	14 <i>a. b. c.</i>	24 bell-shaped
Arrangement	10 <i>a. b. c.</i>	10 <i>a. b. c.</i>	15 <i>a. b. c.</i>	25 cylindrical
1 On the Stem.	11 <i>a. b. c.</i>	11 <i>a. b. c.</i>	16 <i>a. b. c.</i>	26 conical
2 radial	12 <i>a. b. c.</i>	12 <i>a. b. c.</i>	17 <i>a. b. c.</i>	27 ovoid.
3 cauline	13 <i>a. b. c.</i>	13 <i>a. b. c.</i>	18 <i>a. b. c.</i>	28 Scales
4 radical	14 <i>a. b. c.</i>	14 <i>a. b. c.</i>	19 <i>a. b. c.</i>	29 No. of rows
5 ramical	15 <i>a. b. c.</i>	15 <i>a. b. c.</i>	20 <i>a. b. c.</i>	30 Number.
Along the Axis.	16 <i>a. b. c.</i>	16 <i>a. b. c.</i>	21 <i>a. b. c.</i>	31 Direction.
1 Altered.	17 <i>a. b. c.</i>	17 <i>a. b. c.</i>	22 <i>a. b. c.</i>	32 erect
2 scattered	18 <i>a. b. c.</i>	18 <i>a. b. c.</i>	23 <i>a. b. c.</i>	33 spreadng
3 rosulate	19 <i>a. b. c.</i>	19 <i>a. b. c.</i>	24 <i>a. b. c.</i>	34 reflexed
4 fasciculate	20 <i>a. b. c.</i>	20 <i>a. b. c.</i>	25 <i>a. b. c.</i>	35 Form
5 opposite	21 <i>a. b. c.</i>	21 <i>a. b. c.</i>	26 <i>a. b. c.</i>	36 Surface
6 verticillate	22 <i>a. b. c.</i>	22 <i>a. b. c.</i>	27 <i>a. b. c.</i>	37 petaloidous
Duration	23 <i>a. b. c.</i>	23 <i>a. b. c.</i>	28 <i>a. b. c.</i>	38 lobaceous
1 persistent	24 <i>a. b. c.</i>	24 <i>a. b. c.</i>	29 <i>a. b. c.</i>	39 scarious
2 deciduous	25 <i>a. b. c.</i>	25 <i>a. b. c.</i>	30 <i>a. b. c.</i>	40 spinous
Vernation	26 <i>a. b. c.</i>	26 <i>a. b. c.</i>	31 <i>a. b. c.</i>	41 rigid
1 succulent	27 <i>a. b. c.</i>	27 <i>a. b. c.</i>	32 <i>a. b. c.</i>	42 cladly.
2 coriaceous	28 <i>a. b. c.</i>	28 <i>a. b. c.</i>	33 <i>a. b. c.</i>	43 Receptacle
3 rugose	29 <i>a. b. c.</i>	29 <i>a. b. c.</i>	34 <i>a. b. c.</i>	44 Form
4 <i>a. b. c.</i>	30 <i>a. b. c.</i>	30 <i>a. b. c.</i>	35 <i>a. b. c.</i>	45 urn-shaped
5 <i>a. b. c.</i>	31 <i>a. b. c.</i>	31 <i>a. b. c.</i>	36 <i>a. b. c.</i>	46 concave
Venation.	32 <i>a. b. c.</i>	32 <i>a. b. c.</i>	37 <i>a. b. c.</i>	47 flat
1 straight	33 <i>a. b. c.</i>	33 <i>a. b. c.</i>	38 <i>a. b. c.</i>	48 cylindrical
2 curved	34 <i>a. b. c.</i>	34 <i>a. b. c.</i>	39 <i>a. b. c.</i>	49 elongated
3 transverse	35 <i>a. b. c.</i>	35 <i>a. b. c.</i>	40 <i>a. b. c.</i>	50 conical
Nerved.	36 <i>a. b. c.</i>	36 <i>a. b. c.</i>	41 <i>a. b. c.</i>	51 convex
1 pinnate	37 <i>a. b. c.</i>	37 <i>a. b. c.</i>	42 <i>a. b. c.</i>	52 hemispherical
2 3-nerved	38 <i>a. b. c.</i>	38 <i>a. b. c.</i>	43 <i>a. b. c.</i>	53 Diak.
3 5-nerved	39 <i>a. b. c.</i>	39 <i>a. b. c.</i>	44 <i>a. b. c.</i>	54 hypogynous
4 radiate	40 <i>a. b. c.</i>	40 <i>a. b. c.</i>	45 <i>a. b. c.</i>	55 perigynous
Form	41 <i>a. b. c.</i>	41 <i>a. b. c.</i>	46 <i>a. b. c.</i>	56 epigynous
1 pinnate	42 <i>a. b. c.</i>	42 <i>a. b. c.</i>	47 <i>a. b. c.</i>	57 Surface
2 palmate	43 <i>a. b. c.</i>	43 <i>a. b. c.</i>	48 <i>a. b. c.</i>	58 marked
3 foliate	44 <i>a. b. c.</i>	44 <i>a. b. c.</i>	49 <i>a. b. c.</i>	59 smooth
Simple Leaflets	45 <i>a. b. c.</i>	45 <i>a. b. c.</i>	50 <i>a. b. c.</i>	60 punctate
<i>a. Gen. Ordinate</i>	46 <i>a. b. c.</i>	46 <i>a. b. c.</i>	51 <i>a. b. c.</i>	61 alveolate
1 filiform	47 <i>a. b. c.</i>	47 <i>a. b. c.</i>	52 <i>a. b. c.</i>	62 bristly
2 actinular	48 <i>a. b. c.</i>	48 <i>a. b. c.</i>	53 <i>a. b. c.</i>	
3 acerose	49 <i>a. b. c.</i>	49 <i>a. b. c.</i>	54 <i>a. b. c.</i>	
4 subulate	50 <i>a. b. c.</i>	50 <i>a. b. c.</i>	55 <i>a. b. c.</i>	
5 linear	51 <i>a. b. c.</i>	51 <i>a. b. c.</i>	56 <i>a. b. c.</i>	
6 lanceolate	52 <i>a. b. c.</i>	52 <i>a. b. c.</i>	57 <i>a. b. c.</i>	
7 oblanccolate	53 <i>a. b. c.</i>	53 <i>a. b. c.</i>	58 <i>a. b. c.</i>	
Compound.	54 <i>a. b. c.</i>	54 <i>a. b. c.</i>	59 <i>a. b. c.</i>	
1 pinnate	55 <i>a. b. c.</i>	55 <i>a. b. c.</i>	60 <i>a. b. c.</i>	
2 palmate	56 <i>a. b. c.</i>	56 <i>a. b. c.</i>	61 <i>a. b. c.</i>	
3 foliate	57 <i>a. b. c.</i>	57 <i>a. b. c.</i>	62 <i>a. b. c.</i>	
Special Forms	58 <i>a. b. c.</i>	58 <i>a. b. c.</i>	63 <i>a. b. c.</i>	
1 runners	59 <i>a. b. c.</i>	59 <i>a. b. c.</i>	64 <i>a. b. c.</i>	
2 tendrils	60 <i>a. b. c.</i>	60 <i>a. b. c.</i>	65 <i>a. b. c.</i>	
3 thorns	61 <i>a. b. c.</i>	61 <i>a. b. c.</i>	66 <i>a. b. c.</i>	
Gen. Char.	62 <i>a. b. c.</i>	62 <i>a. b. c.</i>	67 <i>a. b. c.</i>	
1 teric	63 <i>a. b. c.</i>	63 <i>a. b. c.</i>	68 <i>a. b. c.</i>	
2 striate	64 <i>a. b. c.</i>	64 <i>a. b. c.</i>	69 <i>a. b. c.</i>	
3 grooved	65 <i>a. b. c.</i>	65 <i>a. b. c.</i>	70 <i>a. b. c.</i>	
4 angled.	66 <i>a. b. c.</i>	66 <i>a. b. c.</i>	71 <i>a. b. c.</i>	
5 solid	67 <i>a. b. c.</i>	67 <i>a. b. c.</i>	72 <i>a. b. c.</i>	

.....chanffy Texture				.....versatile intra-se extrose pendulous Form	.....included.....erct	.....Surface, <i>a. b. c.</i> Color
Calyx, Corolla				.....sepal.....petal Form	.....free-central.....axillary.....aristal	Gen. Character ribbed grooved flurrowed
Gamopetalous				.....sepal.....petal Form	.....sagittate.....peltate.....awned.....cordate	SEED
.....saucer-shaped				<i>No. of Cells</i>	.....oblong.....ovate	Form
.....cup-form				<i>Delusance</i>	.....orthotropous.....campylotropous.....antitropous	.....sessile.....funiculate
.....funnel-form				.....lateral	.....erect.....ascending.....pendulous	Coats
.....urn-shaped				Pollen	.....suspended	Surface, <i>a. b. c.</i> Color Texture
.....top-shaped				Pollinia	.....circumscissile	Albumen
.....tubular				Pistil		Quantity Texture Color
.....lobulate				.....Kinds	.....closed.....open	Embryo
.....bilabiate				.....Cohesion	.....simple.....multiple.....compound	Form.....straight.....bent.....rolled
.....galeate				.....Number	.....Stigma	.....Size
.....ringent				.....Position	.....terminal.....lateral.....sessile	Position as to Albumen.....outside.....inside
.....perianate				.....Form	.....oboid.....globose.....filiform.....linear	.....Direction.....Length
.....spurred				.....Style		.....Flumule.....Number.....Position
.....indented				.....Form	.....acheneum.....utricle.....samarra.....foliote.....legume.....capsule.....silique.....silicle.....pysis	.....Cotyledons.....Form
.....saccate				.....Cohesion	.....adiphus.....synacnesous	Size Number Texture
Border				.....Gen. Features	.....included.....exserted.....sessile.....comvent	
.....truncate				.....Filament	.....Ovary	
.....entire				.....Form	.....Adhesion	
.....lobed				.....capillary.....filiform	.....superior.....half-superior.....inferior	
.....cleft				.....Length	.....No. of Cells	
.....parted				.....Stamens	.....Form	
.....Pappus				.....Number	.....Surface, <i>a. b. c.</i> Gen. Features	
.....scales				.....Position	.....terminal.....lateral.....basilar	
.....awns				.....Form	.....oboid.....globose.....filiform.....linear	
.....bristles				.....Length	.....long.....short	
Polysepal us				.....Stamens	.....alternite.....opposite.....inmargin	
Polypetalous				.....Insertion	.....hypogynous.....perigynous.....epigynous.....synandrous.....on a disk.....epipetalous	
.....biaccous				.....Length	.....long.....short	
.....cruciferous				.....Cohesion	.....adynamous.....tetradynamous.....adiphus.....synacnesous	
.....curvophylaccous				.....Gen. Features	.....included.....exserted.....sessile.....comvent	
.....papilionaceous				.....Filament	.....Form	
.....anomalous				.....capillary.....filiform	.....superior.....half-superior.....inferior	
.....Duration				.....Surface, <i>a. b. c.</i> Attachment	.....No. of Cells	
.....deciduous				.....Anther	.....Form	
.....marcescent				.....imbricate.....admate	.....Surface, <i>a. b. c.</i> Gen. Features	
.....persistent						
.....Color						
.....calyx						
.....corolla						
.....Surface						
.....calyx						
.....ribbed						
.....nerved						
.....corolla						
.....throat						
Texture						

REMARKS:

ORDER:

Name, { SCIENTIFIC,
COMMON,

LOCALITY,

DATE,

No.

187

.....chaffy Texture	Sepals, Petals.....appressed.....spreading.....reflexed	.....versatile.....introrse.....extrorse.....pendulous Form.....sagittate.....peltate.....awned.....cordate.....lobed No. of Cells, Dehiscence.....lateral	.....included.....exserted Placination.....free-central.....axillary.....parietal.....furrowed	Surface, a. b. c. Color Gen. Character.....ribbed.....grooved.....furrowed
Calyx, Corolla of monocarpous Gamopetalous	.....sepals, petals.....sepals, petals Form.....a. b. c. d. . . . . .....spurred.....petals.....b. c. d. . . . .	.....sagittate.....peltate.....awned.....cordate.....lobed No. of Cells, Dehiscence.....lateral	Ovules Kind.....orthotropous.....campylotropous.....diutropous.....amphitropous Dir. in Ovary.....axial.....ascending.....horizontal.....pendulous.....suspended	SEED Lumber Form.....oblong.....ovate.....ovoid
.....rotate	Aestivation.....open.....valvate.....induplicate.....reduplicate.....imbricate.....contorted.....convolute.....plicata.....supervolv.	Pollin Pollinia Pistil Kinds.....closed.....open Cohesion.....simple.....multiple.....compound Number Stigma Position.....terminal.....lateral.....sessile	Attachment.....sessile.....funiculate Coats Surface, a. b. c.	Appendages Color.....cuculate.....strophole.....coma Texture
.....cup-shaped.....campanulate.....funnel-form.....silver-form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....galeate.....ringent.....personate.....spurred.....imbriate.....saccate	Stamens Number Position.....alternate.....opposite Incretion.....hypogynous.....epigynous.....gyandrous.....on a disk.....epipetalous	.....linear.....filiform.....lobed.....filiform.....filiform.....branching.....declinate Position.....terminal.....lateral.....basilar Number Surface, a. b. c. Ovary Adhesion.....superior.....half superior.....inferior No. of Cells Form	Embryo Form.....straight.....beak.....rolled Size Position as to Albumen.....outside.....inside.....radicle Direction Length Flumule Number Position Cotyledons Form	
.....obovate.....entire.....lobed.....cleft.....parted Papaya.....cup.....scales.....awns.....bristles	.....length.....long.....short.....didynamous.....tetradynamous Cohesion.....adiphious.....symplesiostous Gen. Features.....included.....sessile.....connivent Filament Form.....capillary.....filiform	.....linear.....filiform.....lobed.....filiform.....filiform.....branching.....declinate Position.....terminal.....lateral.....basilar Number Surface, a. b. c. Ovary Adhesion.....superior.....half superior.....inferior No. of Cells Form	FRUIT Dehiscence.....septicidal.....septifid.....dehiscenside	
Po repetal us Polypetalous.....filicaceous.....cordiferous.....eryophyllaceous.....paphonaceous.....anomalous Duration.....deciduous.....marcescent.....persistent Color.....calyx.....corolla Surface.....calyx.....ribbed.....nerved.....corolla.....throat	.....length.....long.....short.....didynamous.....tetradynamous Cohesion.....adiphious.....symplesiostous Gen. Features.....included.....sessile.....connivent Filament Form.....capillary.....filiform	.....linear.....filiform.....lobed.....filiform.....filiform.....branching.....declinate Position.....terminal.....lateral.....basilar Number Surface, a. b. c. Ovary Adhesion.....superior.....half superior.....inferior No. of Cells Form	FRUIT Dehiscence.....septicidal.....septifid.....dehiscenside	
Texture	.....innate.....adnate	.....linear.....filiform.....lobed.....filiform.....filiform.....branching.....declinate Position.....terminal.....lateral.....basilar Number Surface, a. b. c. Ovary Adhesion.....superior.....half superior.....inferior No. of Cells Form	FRUIT Dehiscence.....septicidal.....septifid.....dehiscenside	
REMARKS:	ORDER:	NO.		
Name, { SCIENTIFIC, { COMMON, LOCALITY, {	DATE,	187.		

CHECK TABLE.

GENERAL FEATURES	1 hollow	5 spatulate	4 villous	1 symmetrical
Habit.	2 flexuose	6 oblong	5 silky	2 complete
1 terrestrial	7 geniculate	10 elliptical	6 woolly	3 perfect
2 aquatic	8 tumid joint	11 round	7 velvety	4 regular
3 parasitic	a. b. c.	12 ovate	8 Staff hairs	5 striate
4 aerial	9 sessile	13 obovate	9 scabrous	6 pistillate
Duration	10 peltate	14 cuneate	2 hispid	7 neutral
1 annual	11 stipulate	15 annual	3 acutate	
2 biennial	12 exstipulate	16 biennial	4 spinous	
3 perennial	13 equitant	b <i>Biose</i>	5 prickly	
Odor	1 tubar	1 acuminata	6 Petiole	10 merous
Juice	2 bulb	2 acute	7 Form	10 reticulate
Color	3 LEAVES.	3 obtuse	8 Length	10 surface . a. b. c.
Taste	4 sessile	4 truncate	9 Kind	10 Footlet
Gen. Char.	5 peltate	5 emarginate	10 leaf-like	10 Height . a. b. c.
ROOT.	6 stipulate	6 cordate	10 Kind	10 Scap
Form	7 exstipulate	7 auriculate	10 margined	10 involucre
1 conical	8 equitant	8 sagittate	10 clasping	10 Surface . a. b. c.
2 fusiform	9 On the Stem.	9 hastate	10 sheathing	10 Length
3 napiform	10 cauline	10 reniform	10 Surface . a. b. c.	10 Stipules
4 ramose	11 radical	11 clasping	10 Form	10 Form
5 fibrous	12 runcal	12 decurrent	10 — a. b. c. . d.	10 Adhesion
6 fasciculate	13 Along the Axis.	13 acuminata	10 free	10 Gen. Character
7 aërial	14 scattered	14 acute	10 chasping	10 No. of rows.
Gen. Char.	15 fasciculate	15 obtuse	10 membranous	10 Number
STEM.	16 opposite	16 truncate	10 foliaceous	10 Direction.
1 excremous	17 verticillate	17 retuse	10 spinous	10 erect
2 endogenous	18 persistent	18 emarginate	10 setaceous	10 spreading
3 herbaceous	19 deciduous	19 cuspidate	10 persistent	10 relieved
4 suffruticose	20 vernal	20 micromate	10 fugacious	10 Form . a. b. c. . d.
5 fruticose	1 <i>Morph.</i>	1 acuminata	10 deciduous	10 Surface . a. b. c. . d.
6 arborescent	2 entire	2 acute	10 BRACTS	10 Teeth
7 arboresc.	3 serrate	3 obtuse	10 Form	10 petaloidous
8 succulent	4 dentate	4 truncate	10 Surface . a. b. c. . d.	10 foliaceous
9 assurgent	5 crenate	5 retuse	10 Gen. Character	10 scarious
10 decumbent	6 repand	6 emarginate	10 venous	10 spinous
11 prostrate	7 sinuaty	7 cuspidate	10 petaloidous	10 rigid
12 creeping	8 incisèd	8 aristate	10 membranous	10 cloth.
13 climbing	9 Method.	9 pinnate	10 INFLUENCE	10 Terminal
14 twining	10 pinnate	10 3-nerved	10 Gen. Character	10 Form
Branching	11 3-nerved	11 radiate	10 Solitary	10 Solitary
1 simple	12 radiate	12 cleft	10 Cyme	10 Fascicle
2 furcate	13 Form.	13 pectinate	10 Glomule	10 Flat
3 excurrent	14 Compound.	14 lyrate	10 Verucillaster	10 cylindrical
4 racemose	15 pinnate	15 runcinate	10 Axillary	10 conical
5 paniculate	16 pinnate	16 divided	10 Pinnate	10 hemispherical
6 corymbose	17 lobate	17 3-lobed	10 Corymb	10 Dact
7 diffuse	18 Simple, Leaders	18 3-lobed	10 Umbel	10 Synonymous
Special Forms	19 <i>Gen. Outline</i>	19 fliform	10 Pinnate	10 Synonymous
1 stions	1 <i>Gen. Outline</i>	1 acicular	10 Spine	10 Surface
2 offsets	2 aciculate	2 verrucose	10 Soft hairs	10 naked
3 runners	3 aciculate	3 subulate	10 Spinous	10 smooth
4 thorns	4 linear	4 linear	10 Capin	10 punctate
Gen. Char.	5 angulate	5 lanceolate	10 Head	10 alveolate
1 terete	6 bilobate	6 bilobate	10 Flower.	10 bristly
2 striate	7 pubescent	7 pubescent	10 Kinds	
3 grooved				
4 angled.				
5 solid				

chafly Texture	Sepals, Petals appressed spreading reflexed	versatile introrse extrorse pendulous Form petalate awned cordate lobed No. of Cells Dehiscence lateral	included exserted	Surface, a. b. c.
Calyx-Corolla Camptopetalous	sepalals petals Form sepalals a. b. c. d. spuried petals a. b. c. d.	capitate cannulate funnel-form salver-form top-shaped tubular ligulate bilabiate gibbatic ringent pennate spuried inflated saccate	Placentation free-central axillary parietal	Color Character ribbed grooved turreted
Corolla Camptopetalous	Form sepalals a. b. c. d. spuried petals a. b. c. d.	capitate cannulate funnel-form salver-form top-shaped tubular ligulate bilabiate gibbatic ringent pennate spuried inflated saccate	Ovules Kind orthotropous campylotropous anatropous amphitropous Dir. in Ovary erect ascending pendulous suspended	SEED Number oblong ovate ovoid
Border entire lobed cleft parted	Stamens Number Position opposite alternate	whiccate induplicate reuplicate imbriicate contorted convolute picate supervolut	Dir. in Ovary erect ascending pendulous suspended	Attachment sessile imbricate
Pappus cup awns bristles	Impertion hypogynous perigynous epigynous gynaadrom on a disk epipetalous	whiccate induplicate reuplicate imbriicate contorted convolute picate supervolut	Dehiscence Number Locality locifragal circumscissile	Coats Surface, a. b. c. Color Texture
Polysepal us Polypetalous rosaceous hilaceous cruciferous caryophyllaceous papilionaceous anomalous	Length long short atlymanous tetradynamous Colocan adcliphous syngenesious Gen. Features included sessile connivent Filament Form capillary filiform	whiccate induplicate reuplicate imbriicate contorted convolute picate supervolut	Albumen Quantity Texture Color	
Color corolla calyx ribbed nerved corolla throat	Gen. Features included sessile connivent Filament Form capillary filiform Surface, a. b. 2. Anther Attachment innate adnate	whiccate induplicate reuplicate imbriicate contorted convolute picate supervolut	Embryo Form straight bent rolled	
Texture	Surface a. b. c.	whiccate induplicate reuplicate imbriicate contorted convolute picate supervolut	Position as to Albumen outside inside radicle Direction Length Fimule Number Position Cotyledons Form	

REMARKS:

ORDER :

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE,

187

No.

.....charify Texture	.....versatile nitrosc extrose pendulous Form.....sagittate.....pellate.....ovate.....inobed No. of Cells, Delicence.....lateral Pollen	.....included.....exserted Flacostation.....free-central.....axillary.....parietal	.....Surface, a, b, c,
Calyx-Corolla Gamosepalous Gamopetalous.....lobate.....saucer-shaped.....cup-shaped.....campanulate.....funnel-form.....salver-form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....gibbulate.....trigent.....personate.....spurred.....inflated.....saccate	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Stamens Number Position.....alternate Insertion.....opposite.....hypogynous.....perigynous.....epigynous.....on a disk.....epitactous Length.....long.....short.....didynamous.....tetradynamous Cobation.....adelphous.....syngonesious Gen. Features.....included.....exserted.....sessile.....convivent Filament Form.....capillary.....filiform Surface, a, b, c, .....	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Border Number.....entire.....lobed.....cleit.....parted Pappus.....cup.....scales.....awns.....bristles	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Polysep us Polypetalous.....rosaceous.....filicous.....cruciferous.....eryphyllaceous.....papilionaceous.....anomalous Duration.....deciduous.....marcescent.....persistent Color.....calyx.....corolla Surface.....calyx.....ribbed.....nerved.....corolla.....throat	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Texture	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Attachment.....innate.....adnate	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Attachment.....sessile.....funiculate	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Coats.....pendulous.....ascending.....horizontal.....sessile	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Surface, a, b, c, .....	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Appendages.....aril.....granule.....strophole.....wing.....coma	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Albumen Quantity Texture Color	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Embryo Form.....straight.....bent.....rolled Size Position as to Albumen.....outside.....inside Radicle Direction Length Flumule Number Position Cotyledons Form Size Number Texture	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed
Odor Taste Pericarp Texture	.....No. of Cells, Delicence.....lateral Pollen Peltinia Pistil Kinds.....closed.....open Cobation.....simple.....not lip.....compound Stigma Position.....terminal.....lateral.....sessile Form.....discoid.....globose.....lobed.....linear.....filiform.....erylo Form.....filiform.....branched.....decumbent Position.....terminal.....lateral.....basilar Number Surface, a, b, c, .....	.....Fruitionation.....free-central.....axillary.....parietal	.....Color Gen. Character.....ribbed.....grooved.....furrowed

REMARKS:

ORDER:

Name, { SCIENTIFIC,
COMMON,

LOCALITY,

DATE,

187

No.

CHECK TABLE.

GENERAL FEATURES.	1 hollow	8 spatulate	4 villous	1 symmetrical
Habit.	2 flexuose	9 oblong	5 silky	2 complete
1 terrestrial	3 geniculate	10 elliptical	6 woolly	3 perfect
2 aquatic	4 tumid joint	11 oval	7 velvety	4 regular
3 parasitic	5 a. b. c.	12 round	8 Stir hairs	5 striate
4 aerial	6 a. b. c.	13 ovate	9 scabrous	6 pustulate
5 annual	7 Height	14 obovate	10 hispid	7 neutrat
6 biennial	8 Underside	15 emcitate	11 acuminate	
7 perennial	9 corn	16 Base	12 acuminata	
Odor	10 tuber	1 acuminata	1 acuminata	1 mucrous
Juice	11 bulb	2 acute	2 acute	2 Stalk
Color	12 LEAVES.	3 obtuse	3 obtuse	3 Feetudo
Taste	13 sessile	4 truncate	4 truncate	4 <i>Length. a. b. c.</i>
Gen. Char.	14 p. petiole	5 retuse	5 retuse	5 Feetudo
ROOT.	15 stipulate	6 emarginate	6 emarginate	6 <i>Length. Feetudo</i>
1 conical	16 exstipulate	7 cordate	7 cordate	7 <i>Height. a. b. c.</i>
2 fusiform	1 equitant	8 auriculate	8 auriculate	8 Involve
3 napiform	9 Arrangement	9 hastate	9 hastate	9 Form
4 napiform	10 On the Stem	10 petate	10 petate	10 <i>Surface. a. b. c.</i>
5 fibrous	11 radical	11 reniform	11 reniform	11 <i>Length.</i>
6 fasciculate	12 ramal	12 comate	12 comate	12 Involve
7 aereal	13 Along the Axis —	13 decurrent	13 decurrent	13 Form
	14 alternate	14 Age	14 Age	14 <i>Surface. a. b. c.</i>
	15 scattered	1 acute	1 acute	15 Stipules
	16 fasciculate	2 acute	2 acute	15 Form
	17 opposite	3 obtuse	3 obtuse	16 Adhesion
	18 verticillate	4 truncate	4 truncate	16 free
Duration	19 persistent	5 emarginate	5 emarginate	17 Gen. Character
1 deciduous	2 deciduous	6 obcordate	6 obcordate	17 membranous
2 Vernation	3 texture	7 cuspidate	7 cuspidate	18 spinous
1 arborescent	4 succulent	8 micronate	8 micronate	19 setaceous
2 arborescent	5 succulent	9 aristate	9 aristate	20 Deciduous
3 succulent	6 coriaceous	10 Along the Axis —	10 Along the Axis —	21 fugacious
4 coriaceous	7 rugose	1 Along the Axis —	1 Along the Axis —	22 BRACCS
5 orb	8 Venation.	2 Along the Axis —	2 Along the Axis —	22 Form
6 Venation.	1 Farad.	3 serrate	3 serrate	23 <i>Surface. a. b. c.</i>
1 creeping	2 straight	4 crenate	4 crenate	24 Gen. Character
2 climbing	3 curved	5 repand	5 repand	24 petiaceous
3 twining	4 transverse	6 sinuate	6 sinuate	25 petiaceous
4 simple	5 Netted.	7 incised	7 incised	26 membranous
5 excurrent	1 pinnate	8 fringed	8 fringed	27 spinous
6 racemose	2 3-nerved	9 ciliate	9 ciliate	28 INFLORESCENCE
7 paniculate	3 5-nerved	10 serrulate	10 serrulate	28 Terminal
8 corymbose	4 3-nerved	11 lobed	11 lobed	29 solitary
9 diffuse	5 radiate	12 cleft	12 cleft	30 cynic
10 deliquescent	6 Form.	13 parted	13 parted	31 fasciate
11 SpecialForms	1 Compound.	14 pericarpate	14 pericarpate	32 glomerular
1 suckers	2 pinnate	15 lyrate	15 lyrate	33 verticillaster
2 suckers	3 palmate	16 truncate	16 truncate	34 Axillary
3 siliolous	4 foliate	17 divided	17 divided	34 ditary
4 runners	5 Simple, Leaflets	18 Surface	18 Surface	35 retenic
5 tendrils	1 Gen. Outline	1 No Hairs	1 No Hairs	36 corymb
6 thorns	2 acicular	2 glabrous	2 glabrous	37 panicte
7 teretic	3 acicilar	3 glandular	3 glandular	38 fibrous
8 strate	4 acicilar	4 punctate	4 punctate	39 spike
9 grooved	5 subulate	5 Soft Hairs	5 Soft Hairs	40 stipax
10 angled	1 linear	1 puberulent	1 puberulent	41 stipax
11 solid	2 lanceolate	2 pilosus	2 pilosus	42 head
	3 oblanceolate	3 pubescent	3 pubescent	43 FLOWER
				43 Kinds

..... chiefly Texture	..... versatile introrse extrorse pendulous form sagittate pedate lobed <i>No. of Cells</i> <i>Delicance</i> Pollen Peltidia	..... included exserted Placentation free-central axillary parietal	..... Surface, <i>a, b, c</i> Color Gen. Character ribbed grooved narrowed
Calyx, Corolla gamopetalous gamopetalous rotate saucer-shaped cup-shaped campanulate funnel-form salver-form urn-shaped tubular ligulate lobate galate ringent personate spurred indiated saccate	Aestivation valvate induplicate reduplicate imbricate convolute plicate supervy' b.	Ovules And campylotropous anatropous orthotropous ovoid Dir. in Ovary erect ascending horizontal pendulous suspended	SEED Number Form oblong ovoid
Border truncate entire lobed cleft paried cup	Stamens Number. Position alternate opposite Insertion hypogynous perigynous epigynous gynandrous on a disk epipedalour Length long short didynamous tetradynamous Cobesion adelphous synergous	FRUIT septicidal locicidal circumscissile Number Kinds Fleshy berry pepo pome Stone drupe acheneum utricle samara follicle legume capsule silicle pnyxis	Appendages caruncle strophole wing coma Color Texture
Fo, yeagal us rosaceous illicaceous cruciferous caryophyllaceous papilionaceous anomalous	Stigma Fertilitia terminal lateral sessile Form discoid globose lobed filiform linear Style filiform brachin; declinate Position terminal lateral basilar Number Swift <i>ce, a, b, c</i>	Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle Direction Length Plumule Position Cotyledons Form	Albumen Quantity Texture Color Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle Direction Length Plumule Position Cotyledons Form
Surface calyx ribbed nerved corolla throat	Gen. Features included exserted sessile connivent Filament Form capillary filiform Surface, <i>a, b, c, d, e</i> Anchor Attachment imate adnate	Aggregate Accessory Multiple No. of Cells Odor Taste Pericarp Texture membranous coriaceous succulent	Texture Size Number Texture

REMARKS:

ORDER:

Name, { SCIENTIFIC,
COMMON,

LOCALITY,

No.

DATE,

187

CHECK TABLE.

GENERAL FEATURES	hollow	8	spiculate	1	villous	1	symmetrical
Habit	flexuose	9	oblong	5	sulky	2	complete
terrestrial	geniculate	10	oblong	5	widely	3	perfect
aquatic	tumid joint	11	oval	3	Stiff Hair	4	regular
parasitic	a. b. c.	12	round	3	scirpus	5	staminate
avial	Color	13	ovate	1	bisulcate	6	plislate
annual	Height	14	obovate	1	erect	7	neutral
biennial	Underground	15	emucate	3	scabrate	8	
perennial	rhizoma	16	Base	4	prickly	9	
	corn	b	acuminate	1	Petiole		
	tuber	1	acute	2	Form		
	bulb	2	obtusate	3	terete		
	LEAVES.	3	truncate	4	grooved		
	sessile	4	retuse	5	compressed		
	p. tolate	5	marginate	6	lead-line		
	stipulate	6	cordate	7	Kind		
	exspulate	7	auriculate	8	marginated		
	equitant	8	sagittate	9	sheathing		
	Arrangement	9	hastate	10	Surface a. b. c. d.		
	on the stem	10	pectate	11	Length		
	radical	11	claspine	12	Stipules		
	radical	12	comate	13	Form		
	radical	13	decurrent	14	a. b. c. d.		
	Along the Axis	14	Apex	c	Adhæsa		
	alternate	15	acuminate	1	retic		
	scattered	16	acute	2	claspine		
	posidate	17	obtusate	3	Gen. Character		
	fasciculate	18	obtusate	4	membranous		
	opposite	19	truncate	5	foliaceous		
	verticillate	20	retuse	6	spinous		
	Duration	1	emarginate	7	setaceous		
	persistent	2	obcordate	8	Deciduous		
	deciduous	3	cuspidate	9	ligatures		
	Vernation	4	macromate	10	Deciduous		
	aristate	5	aristate	11	BRAGTS		
	Texture	6	<i>Membr.</i>	d	Form		
	succulent	1	revolute	1	a. b. c. d.		
	coriaceous	2	entire	2	Surface a. b. c.		
	rigose	3	serrate	3	Gen. Character		
	sericeous	4	dentate	4	petaloidous		
	Venation.	5	cremate	5	scariosus		
	parallel	6	repand	6	spinous		
	straight	7	sinuate	7	rigid		
	curved	8	incised	8	chaly.		
	transverse	9	fringed	9	RECEPTACLE		
	Netted.	10	cliliate	10	Form		
	pinnate	11	serriulate	11	urn-shaped		
	3-nerved	12	lobed	12	conceave		
	5-nerved	13	clef	13	flat		
	radiate	14	parted	14	cyindrical		
	Form.	15	periculate	15	elongated		
	Compound.	16	lyrate	16	conical		
	pinnate	17	umbonate	17	convex		
	palmitate	18	divided	18	hemispherical		
	foliate	19	Surface	a	Dist.		
	Simple, Leaders	a	No Hairs	1	nyctagynous		
	Gen. Outline	1	glabrous	2	perigynous		
	filiform	2	glabrous	3	epigynous		
	acicular	3	punctate	4	Surface		
	acerosse	4	verrucose	5	naked		
	subulate	5	Soft Hairs	1	smooth		
	linear	2	puberulent	2	punctate		
	lanceolate	3	pilosus	3	diviolate		
	oblanccolate	4	pubescent	4	bristly		
		5		5			
		6		6			
		7		7			

CHECK TABLE.

GENERAL FEATURES.	1 hollow	8 spatulate	4 villous	5 symmetrical
Habit.	flexuose	9 oblong	5 silky	complete
	gentianate	10 elliptical	6 woolly	perfect
	tumid joint	11 oval	7 regular	staminate
Surface	a, b, c	12 round	8 stellate	neutral
Color.	13 ovate	13		
Height	14 obovate	14		
Underground	15 cuneate	15		
	16	16		
Odor	b	Base	5 prickly	Odor
	1 acuminata	9		Plan
	2 acute	2		
	3 obtuse	3		
Juice	4 truncate	4		
LEAVES.	5 reduce	5		
Kinds	6 compound	6		
	7 pinnate	7		
	8 stipulate	8		
	9 exstipulate	9		
	10 equitant	10		
	11 sagittate	11		
	12 hastate	12		
	13 petate	13		
Arrangement	14 reniform	14		
On the Stem.	15 clasping	15		
	16 connate	16		
	17 decurrent	17		
Along the Axis—	18	18		
	19 alternate	19		
	20 scattered	20		
Gen. Char.	c	Appro	1 acuminata	
	1 rosulate	1		
STEM.	2 fasciculate	2		
	3 opposite	3		
	4 verticillate	4		
	5 reduce	5		
Duration	6 emarginate	6		
	7 obcordate	7		
	8 cuspidate	8		
	9 mucronate	9		
	10 aristate	10		
Vernation	11	11		
Texture	d	Margin	1 revolute	
	1 succulent	1		
	2 coriaceous	2		
	3 rugose	3		
	4 sericeous	4		
Venation.	5	5		
	6 parallel	6		
	7 straight	7		
	8 curved	8		
	9 transverse	9		
Netted	10	10		
	11 furcate	11		
	12 pinnate	12		
	13 3-nerved	13		
	14 5-nerved	14		
	15 radiate	15		
Form.	16	16		
Compound.	17	17		
	18 pinnate	18		
	19 foliate	19		
Special Forms	20	20		
	1 stolonis	1		
	2 runners	2		
	3 tendrils	3		
	4 thorns	4		
Gen. Char.	5	5		
	6 acetose	6		
	7 striate	7		
	8 grooved	8		
	9 angled.	9		
	10 solid	10		
	11	11		
	12	12		
	13	13		
	14	14		
	15	15		
	16	16		
	17	17		
	18	18		
	19	19		
	20	20		
	21	21		
	22	22		
	23	23		
	24	24		
	25	25		
	26	26		
	27	27		
	28	28		
	29	29		
	30	30		
	31	31		
	32	32		
	33	33		
	34	34		
	35	35		
	36	36		
	37	37		
	38	38		
	39	39		
	40	40		
	41	41		
	42	42		
	43	43		
	44	44		
	45	45		
	46	46		
	47	47		
	48	48		
	49	49		
	50	50		
	51	51		
	52	52		
	53	53		
	54	54		
	55	55		
	56	56		
	57	57		
	58	58		
	59	59		
	60	60		
	61	61		
	62	62		
	63	63		
	64	64		
	65	65		
	66	66		
	67	67		
	68	68		
	69	69		
	70	70		
	71	71		
	72	72		
	73	73		
	74	74		
	75	75		
	76	76		
	77	77		
	78	78		
	79	79		
	80	80		
	81	81		
	82	82		
	83	83		
	84	84		
	85	85		
	86	86		
	87	87		
	88	88		
	89	89		
	90	90		
	91	91		
	92	92		
	93	93		
	94	94		
	95	95		
	96	96		
	97	97		
	98	98		
	99	99		
	100	100		

..... chiefly Texture	..... versatile intra-se extreme pendulous Form sessile ovoid cordate <i>lobed</i> <i>Deltoidea</i> lateral	..... included excised Elocoration disc-central axillary parietal	..... Surface <i>a. b. c.</i> Color Gen. Character ribbed grooved unrowed
Ca. JX. Corolla Campanulata Campanulata	..... No. of Cells <i>Deltoidea</i> lateral	Ovules Kind orthotropous campylotropous anatropous ambitropous Dir. in Ovary axial	SEED NUMBER Form oblong ovate ovoid
..... saucer-shaped cup-shaped campanulate tunnel-form salver-form urn-shaped top-shaped tubular ligulate lobate galeate ringent personate spurred inflated saccate	Pollen Pallinia Pistil Kinds closed open Cohesion simple multiple compound	Dehiscence Type scissile capitulate circumscissile	Coats Surface <i>a. b. c.</i> Color Texture
Stamens Number Position Opposite Imbrication hypanthium perigynous epigynous gynaebium on a disk epipetalous	Stigma Position terminal lateral sessile	Kind's Fleshy berry pepo pome	Albumen Quantity Texture Color
Length long short didymous tetradymous Cohesion adelphous syngonesious included sessile connivent	Form oblong disk lobed linear Style Form affirm branching decimate Position terminal lateral basilar	Embryo Form straight bent peltate peltate sunarea lobulate legume capsule silique silicle pyxis	Fection as to Albumen inside outside Radicle <i>Direction</i> <i>Length</i> Plumule Number Position Cotyledons Form
Gen. Features included sessile connivent Filament Form capillary filiform Surface <i>a. b. c.</i> 2 Attachment innate adnate	Number Surface <i>a. b. c.</i>	Accessory Multiple	Size Number Texture
Texture	No. of Cells Odor Taste Pericarp Texture membranous coriaceous succulent		

REMARKS :

ORDER :

Name, { SCIENTIFIC,

COMMON,

LOCALITY,

No.

DATE,

187

CHECK TABLET.

GENERAL FEATURES.

Habit. terrestrial
 aquatic
 parasitic
 aerial
Duration annual
 biennial
 per-ennial

Odor

Juice
Color
Taste
Gen. Char.

ROOT.

Form conical
 fusiform
 napiform
 ramose
 solvent
 fibrous
 fasciculate
 acaeral

Gen. Char.

STEM.
 exogenous
 endogenous

texture

. herbaceous
 suffruticose
 lignose
 arborescent

Dir. of Growth

. ascending
 decumbent
 diffuse
 prostrate
 creeping
 climbing
 twining

Branching

. simple
 furcate
 excurrent
 racemose
 paniculate
 corymbose
 diffuse

Special Forms

. saccates
 stolons
 offsets
 runners
 tendrils
 thorns

Gen. Char.

. terete
 striate
 grooved
 angled
 solid

8 spatulate
 9 oblong
 10 elliptical
 11 oval
 12 round
 13 ovate
 14 obovate
 15 cuneate
 16

Surface

. a.
 b. c

Color

Height

Underground

. rhizoma

Form acuminate
 bulb

LEAVES.

Kinds.

. sessile
 petiolate
 stipulate
 exstipulate
 equitant

Arrangement

On the stem
 cauline
 radical
 ramial
 alternate
 scattered

Along the Axis.

1 opposite
 2 fasciculate
 3 opposite
 4 verticillate

Duration

. perisperm
 deciduous
 deciduous
 deciduous

Vernation

.

Texture

. succulent
 coriaceous
 rugose
 scabrous

Venation.

. straight
 curved
 transverse

Noted.

1 pinnate
 2 3-nerved
 3 5-nerved
 4 rachiate

Form.

. palmate
 palmate
 foliate

Simple, leaflets

a **Gen. Outline**
 1 filiform
 2 acicular
 3 acerose
 4 subulate
 5 linear
 6 lanceolate
 7 oblanceolate

4 villous
 5 silky
 6 woolly
 7 velvety
 8

Stip Hairs

1 scarious
 2 hispid
 3 ciliate
 4 spinous
 5 prickly
 6

Odor

.

Stalk

Form

. terete
 grooved
 compressed
 leaf-like
Kind
 margined
 clasping
 sheathing

Height.

. a.
 b. c.

Involute

Form

. rosaceous
 cup-shaped
 hemi-spherical
 bell-shaped
 cylindrical
 conical

Gen. Char.

. acuminate
 clasping
 membranous
 foliaceous
 spinous
 setaceous
 persistent
 deciduous
 deciduous

No. of roots.

Number.

Direction.

. erect
 spreading
 reflexed

Form

. a.
 b. c.
Form
 petaloidous
 rosaceous
 scariosus

BRACTS

Form

. linear
 spatulate

INFLUENCE

Terminal

. solitary
 cyme
 fasciculate
 glomerate
 verticillaster

Axillary

. raceme
 corymb
 umbel
 panicle
 thyrsus
 spike
 spadix
 catkin
 head

FLOWER.

Kinds

. pubescent
 pilose

. symmetrical
 complete
 perfect
 regular
 staminate
 pediculate
 neutral

Odor

.

Plan

.

Stalk

Form

. terete
 Length. a.
 b. c.
Petiole
 petiole

Scapes

Height.

. a.
 b. c.

Involute

Form

. rosaceous
 cup-shaped
 hemi-spherical
 bell-shaped
 cylindrical
 conical

No. of roots.

Number.

Direction.

. erect
 spreading
 reflexed

Form

. a.
 b. c.
Form
 petaloidous
 rosaceous
 scariosus

BRACTS

Form

. linear
 spatulate

INFLUENCE

Terminal

. solitary
 cyme
 fasciculate
 glomerate
 verticillaster

Axillary

. raceme
 corymb
 umbel
 panicle
 thyrsus
 spike
 spadix
 catkin
 head

FLOWER.

Kinds

. pubescent
 pilose

Chauffy Texture	Sepals, Petals appressed spreading reflexed	versatile intorse extrorse pendulous	included exserted	Surface, a. b. c.
Calyx-Corolla				Color
Gamosepalous	scapels petals	scapellate petaloid awned corollate	free-central parietal	Gen. Character ribbed furrowed
Gamopetalous	Form	lobed	Ovules Kind	SEED Number
saucer-shaped	scapels	obovate	orthotropous	oblong
cup-shaped	a. b. c. d.	obovate	campylotropous	ovate
campanulate	spurred	<i>obovate</i>	amphitropous	ovoid
funnel form	petals	<i>obovate</i>	Dir. in Ovary	
valve-form	a. b. c. d.	<i>obovate</i>	erect	Attachment
urn-shaped		<i>obovate</i>	ascending	sessile
top-shaped		<i>obovate</i>	horizontal	limbulate
tubular	Aestivation		pendulous	Coats
lobulate	open		suspended	Surface, a. b. c.
lobate	valvate			Color
lobate	induplicate			Texture
galeate	reduplicate			
rigid	imbriate			FRUIT
personate	contorted			Septicidal
spurred	convolute			septicidal
indurated	plcate			circumbaccal
saccate	supervulvate			circumbaccal
Border				Color
truncate	Stamens			Texture
entire	Number	Stigma		Albumen
lobed	position	Position		quantity
clit	alternate			Color
paired	opposite			Form
Papua	imbricate			beak
cup	hypogynous			rolled
scales	perigynous			Size
awns	epigynous			Position as to Albumen
bristles	gynandrous			outside
Florespal us	on a disk			inside
ruscoveous	epipetalous			Pachole
lilaceous	Length			Direction
cruciferous	long			Length
short	long			Fluorals
carophyllaceous	short			Number
papilionaceous	didynamous			Position
anomalous	tetradynamous			Copyicums
Duration	cohesion			Form
deciduous	adcliphous			Texture
marcescent	syngenesious			Size
persistent	Gen. Features			Position as to Albumen
Color	included			outside
calyx	exserted			inside
corolla	sessile			Pachole
Surface	comitant			Direction
calyx	Filament			Length
ribbed	Form			Fluorals
nerved	capillary			Number
corolla	filiform			Position
throat	filiform			Copyicums
Texture	Surface, a. b. c.			Form
	Author			Texture
	Attachment			Size
	innate			Number
	adnate			Texture
	Surface, a. b. c.			
	Gen. Features			

REMARKS:

ORDER:

Name, { SCIENTIFIC,
 { COMMON,
LOCALITY,

No.

DATE,

187

CHECK TABLE.

GENERAL FEATURES.

Habit. terrestrial
 aquatic
 parasitic
 aerial

Duration annual
 biennial
 perennial

Odor

Juice

Color

Taste.

Gen. Char.

ROOT.

Form conical
 fusiform
 napiform
 rhizome
 solvent
 fibrous
 fasciculate
 aerial

Gen. Char.

STEM.

Gen.

Endogen

Nature herbaceous
 succulent
 suffruticose
 fruticose
 arborescent
 arborescent

Dir. of Growth erect
 ascending
 decumbent
 diffuse
 prostrate
 creeping
 climbing
 twining
 simple
 furcate
 excurrent
 racemose
 paniculate
 corymbose
 diffuse

Branching

deliquescent
 suckers
 stolons
 offsets
 runners
 tendrils
 thorns

Gen. Char.

terete
 striate
 grooved
 angled.
 solid

8 spatulate
 9 oblong
 10 elliptical
 11 woolly
 12 velvety
 13 rosand
 14 obovate
 15 cucucate
 16 spinous

Surface

a b c

Color

Height

Underground

Form

corn

tuber

bulb

LEAVES.

sessile

petiolate

stipulate

exstipulate

equitant

Arrangement

On the Stem

chaine

radical

terminal

decumbent

Along the Axis.—

alternate

scattered

rosulate

fasciculate

opposite

verticillate

Duration

peristans

deciduous

Vernation

Texture

Vernation

succulent

coriaceous

rugose

S

ons

Venation.

straight

curved

transverse

Texture

netted

pinnate

3-nerved

5-nerved

radiate

Form.

Compound

pinnate

palinate

foliate

Simple, Leaflets

Gen. Outline

1 filiform

2 acicular

3 acerose

4 subulate

5 linear

6 lanceolate

7 oblanceolate

Surface

a No hairs

1 glabrous

2 glandous

3 punctate

4 verrucose

5 Soft Hairs

1 puberulent

2 pilosus

3 pubescent

4 villous
 5 silky
 6 woolly
 7 velvety
 8 Scarf hairs

1 scabrous
 2 hispid
 3 acute
 4 spinous
 5 prickly

Odor

merous

Stalk

Form

terete

grooved

compressed

leaf-like

Kind

marginied

clashing

sheathing

leaf-like

Surface

a b c

Stipules

Form

—a b c d

Adhesion

free

claspine

adhesive

membranous

foliaceous

spinous

setaceous

persistent

deciduous

burzaceous

Gen. Character

No. of rows

Number

Direction.

erect

spreading

reflexed

Duration

form a b c d

Surface a b c

BRACTS

Form

a b c d

Surface a b c

Gen. Character

foliaceous

petaloidous

spinous

INFLUENCE

Terminal

solitary

axillary

bracteate

glomerule

verticillaster

Axillary

sultry

raceme

corymbo

umbel

panicte

thyrsus

spike

spadix

catan

head

FLOWER.

Kinds

pubescent

puberulent

pilosus

pubescent

symmetrical

complete

peridial

regular

staminate

peristaminate

neutral

Odor

merous

Stalk

Form

terete

grooved

compressed

leaf-like

Kind

marginied

clashing

sheathing

leaf-like

Surface

a b c

Stipules

Form

—a b c d

Adhesion

free

claspine

adhesive

membranous

foliaceous

spinous

setaceous

persistent

deciduous

burzaceous

Gen. Character

No. of rows

Number

Direction.

erect

spreading

reflexed

Duration

form a b c d

Surface a b c

BRACTS

Form

a b c d

Surface a b c

Gen. Character

foliaceous

petaloidous

spinous

INFLUENCE

Terminal

solitary

axillary

bracteate

glomerule

verticillaster

Axillary

sultry

raceme

corymbo

umbel

panicte

thyrsus

spike

spadix

catan

head

FLOWER.

Kinds

pubescent

puberulent

pilosus

pubescent

CHECK TABLET.

GENERAL FEATURES.

- Habit.**
 1 terrestrial
 2 aquatic
 3 parasitic
 4 aerial
Duration
 1 annual
 2 biennial
 3 perennal

Odor

- Juice**
 Color
 Taste
 Gen. Char.

ROOT.

- 1 conical
 2 fusiform
 3 napiform
 4 ramose
 5 solvent
 6 fibrous
 7 fasciculate
 8 acicular

Gen. Char.

STEM.

- 1 cæcescent
 2 endogenous
 3 oligonemous
Nature
 1 herbaceous
 2 suffruticose
 3 fruticose
 4 fibroscant
 5 fibrous

Dir. of Growth

- 1 erect
 2 assurgent
 3 decumbent
 4 diffuse
 5 prostrate
 6 creeping
 7 climbing
 8 twining
 9 simple

Branching

- 1 furcate
 2 excurrent
 3 racemose
 4 paniculate
 5 corymbose
 6 diffuse
Special Forms
 1 suckers
 2 stolons
 3 offsets
 4 runners
 5 tendrils

Gen. Char.

- 1 thorns
 2 terete
 3 striate
 4 grooved
 5 angled
 6 solid

- 8 hollow
 9 flexuose
 10 geniculate
 11 elliptical
 12 tumid joint
 13 round
 14 ovate
 15 obovate
 16 cuneate
 17 reniform
 18 rhizoma

Surface

- 1 a b c
 2 tuberculate
 3 tuberculate
 4 tuberculate
 5 sessile
 6 pediculate
 7 stipulate
 8 exstipulate
 9 equitant

Underground

- 1 tuber
 2 bulb
LEAVES.
Kind
 1 sessile
 2 petiolate
 3 stipulate
 4 exstipulate
 5 equitant

Arrangement

- 1 on the stem
 2 cauline
 3 radical
 4 ramal
Along the Axis—
 1 alternate
 2 scattered
 3 fasciculate
 4 opposite
 5 verticillate

Duration

- 1 persistent
 2 deciduous
Vernation
 1 succulent
 2 coriaceous
 3 rugose
 4 sericeous
 5 papillose
 6 straight
 7 curved
 8 transverse

Texture

- 1 simple
 2 pinnate
 3 3-nerved
 4 5-nerved
 5 rhachate
Venation
 1 straight
 2 curved
 3 transverse
Netted.
 1 pinnate
 2 3-nerved
 3 5-nerved
 4 rhachate

Form.

- 1 pinnate
 2 palmate
 3 foliaceous
Simple, Leaflets
 1 glabrous
 2 glabrous
 3 punctate
 4 acicular
 5 serrate
 6 subulate
 7 lanceolate
 8 oblanceolate

Compound.

- 1 pinnate
 2 palmate
 3 foliaceous
Surface
 1 glabrous
 2 glabrous
 3 punctate
 4 verrucose
 5 soft hairs
 6 pubescent
 7 pilosous
 8 pubescent

Gen. Outline

- 1 flutiform
 2 acicular
 3 serrate
 4 subulate
 5 lanceolate
 6 oblanceolate

- 1 villous
 2 silky
 3 woolly
 4 velvety
 5 scabrous
 6 hispid
 7 acute
 8 sinuous
 9 prickly

Stipules

- 1 acuminate
 2 acute
 3 obtuse
 4 truncate
 5 reflex
 6 emarginate
 7 cordate
 8 auriculate
 9 sagittate
 10 hastate
 11 peltate
 12 reniform
 13 clasping
 14 connate
 15 decurrent

Petiole

- 1 terete
 2 compressed
 3 leaf-like
Kind
 1 margined
 2 clasping
 3 beathing
Surface a b c
Length
 1 long
 2 short

Stipules

- 1 a b c d
Form
 1 acrochloous
 2 adnate
 3 clasping
 4 membranous
 5 foliaceous
 6 spinous
 7 setaceous
 8 persistent
 9 deciduous
 10 leaginous

BRAGTS

- 1 a b c d
Surface a b c
Gen. Character
 1 membranous
 2 foliaceous
 3 spinous
 4 setaceous
 5 persistent
 6 deciduous
 7 leaginous

INFLUENCES

- 1 solitary
 2 cyclic
 3 fasciculate
 4 glomerate
 5 verticillaster
Terminal
 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head
AXILLARY
 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head

INFLUENCES

- 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head
AXILLARY
 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head

RECEPTIVE

- 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head
AXILLARY
 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head

RECEPTIVE

- 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head
AXILLARY
 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head

RECEPTIVE

- 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head
AXILLARY
 1 racemic
 2 corymb
 3 umbel
 4 panic
 5 thyrsus
 6 spike
 7 catkin
 8 head

- 1 symmetrical
 2 complete
 3 perfect
 4 regular
 5 staminate
 6 pistillate
 7 neutral

Order

- 1 microus
 2 macrous

Stalk

- 1 peduncle
Length
 1 a b c
Surface a b c
Length
 1 long
 2 short

Stalk

- 1 peduncle
Length
 1 a b c
Surface a b c
Length
 1 long
 2 short

Stalk

- 1 peduncle
Length
 1 a b c
Surface a b c
Length
 1 long
 2 short

Stalk

- 1 peduncle
Length
 1 a b c
Surface a b c
Length
 1 long
 2 short

Stalk

- 1 peduncle
Length
 1 a b c
Surface a b c
Length
 1 long
 2 short

Stalk

- 1 peduncle
Length
 1 a b c
Surface a b c
Length
 1 long
 2 short

Stalk

- 1 peduncle
Length
 1 a b c
Surface a b c
Length
 1 long
 2 short

Stalk

- 1 peduncle
Length
 1 a b c
Surface a b c
Length
 1 long
 2 short

..... chafy Texture	Sepals, Petals appressed spreading reflexed	..... versatile introrse extrorse pentulous Form sagittate pedate pinnate cordate	..... included exserted five-central axillary parietal	Surface, a, b, c.....
Calyx. Corolla campanulate tubular	Sepals, Petals appressed spreading reflexed	..... capsular pedicel lobed cordate	Flaccidation included exserted five-central axillary parietal	Color ribbed grooved furrowed
..... saucer-shaped campanulate funnel-form salver-form urn-shaped tubular	a, b, c, d..... spurred petals lobes c, d.....	Delimited lateral	Form oblong ovoid	SEE NUMBER
Activation open induplicate reduplicate imbricate contorted convolute plicate supervolute	Stamens alternate opposite hypogynous perigynous epigynous gynanthous on a disk epipetalous	Number closed open simple multiple compound	Attachment sessile funiculate	Coats Surface, a, b, c..... Color Texture
Border truncate entire lobed cleft parted	Insertion hypogynous perigynous epigynous gynanthous on a disk epipetalous	Stigma terminal lateral sessile	Appendages circumscissile wing coma	Albumen Quantity Texture Color
Pappus scales awns bristles	Length long short	Form discoid globose lobed filiform linear	Embryo Form straight bent rolled	Size outside inside
Po ysepal us Polypetalous filaceous cruciferous Caryophyllaceous papilionaceous anomalous	Form didynamous tetradynamous adichapous synergisticous	Style Form filiform branching declinate	Position as to Albumen outside inside axillary	Direction Length Plumule Number Position Cystoleons Form
Duration deciduous marcescent persistent	Gen. Features included exserted sessile connivent	Position terminal lateral basilar	Aggregate Accessory Multiple	Size Number Texture
Color calyx corolla	Filament Form capillary filiform	Adhesion superior half-superior inferior	Odor Taste Pericarp membranous coriaceous succulent	
Surface calyx ribbed nerved corolla throat	Surface, a, b, c, d..... ?	No. of Cells in loric Form		
Texture	Attachment innate adnate	Gen. Features		

REMARKS:

ORDER:

Name, { SCIENTIFIC,
 } COMMON,

LOCALITY,

No.

DATE,

187

CHECK TABLET.

GENERAL FEATURES.

Habit.

terrestrial
aquatic
parasitic
aerial
Duration
annual
biennial
perennial

Odor

odorless
stale
gen. char.

ROOT.

conical
fusiform
napiform
ramose
solvent
fibrous
fasciculate
aerial

Gen. Char.

STEM.

exogenous

Mature

herbaceous
suffruticose
fruticose
arborescent
arboresus
Dir. of Growth
erect
assurgent
decumbent
diffuse
prostrate
creeping
climbing
twining
twisting

Branching

simple
furcate
excurrent
racemose
paniculate
corymbose
diffuse
deliquescent
suckers
stolons
runners
tendrils
thorns

Gen. Char.

striate
grooved
angled,
solid

hollow
flexuose
geniculate
tumid joint

Surface

a. b. c.

Color

obovate

Height

truncate

Underground

rhizomat

tuber

bulb

LEAVES.

Kinds

sessile

petiolate

stipulate

equitant

Arrangement

On the Stem.

cauline

radical

runcal

Along the Axis.

alternate,

scattered,

rosulate

fasciculate

opposite

verticillate

Duration

persistent

deciduous

Vernation

erect

Texture

succulent

coriaceous

rugose

scarious

Venation.

parallel.

straight

curved

transverse

Nerved.

pinnate

3-nerved

5-nerved

radiate

Form.

pinnate

palmate

foliate

Simple, Leaflets

Gen., Outline

filiform

acicular

acrose

subulate

linear

hence

oblanccolate

spatulate

oblong

elliptical

oval

round

ovate

obovate

truncate

obovate

acuminate

acuminate

acute

obtuse

truncate

retruse

emarginate

cordate

auriculate

sagittate

obovate

obovate

petiole

reniform

clausping

connate

decurrent

Along the Axis.

alternate,

scattered,

obovate

obovate

truncate

retus.

emarginate

obcordate

cuspidate

macronate

aristate

Merith

revolute

entire

serrate

dentate

crenate

repand

sinuate

inched

fringed

ciliate

lobed

cleft

parted

pectinate

lyrate

runcinate

dividued

Surface

No Hairs

glabrous

glauous

panicate

verucose

villous

silky

wooly

velvety

Leaf Hairs

scabrous

hispid

spinous

acutate

prickly

Petiole

Form

terete

grooved

compressed

leaf-like

Kind

margined

clashing

sheathing

Surface.

a. b. c.

Stipules

Form

a. b. c. d.

Achocia

free

adaxial

claspig

memorans

Gen. Character

foliaceous

spinous

scabrous

persistent

deciduous

fugacious

BRACTS

Form

a. b. c. d. e.

Surface.

a. b. c. d. e.

Gen. Character

foliaceous

petaloidous

spinous

membranous

spinous

INFLORESCENCE

Terrinal

solitary

raceme

corymb

umbel

panicle

thyrsus

spike

spadix

catkin

head

FLOWER.

Kinds

symmetrical

complete

perfect

regular

staminate

petistilate

neutral

Odor

merous

Plan

Stalk

Feciale

Surface.

a. b. c.

Pedical

Length.

Scapo

Surface.

a. b. c.

Involute

Form

rosaceous

cup-shaped

hemispherical

conical

ovoid.

Scats

No. of roots.

Number.

Direction.

appressed

erect

spreading

reflexed

Form.

a. b. c. d.

Surface.

a. b. c. d. e.

Texture

petaloidous

foliaceous

scarious

spinous

rigid

chafly

Receptacle

Form

urn-shaped

concave

flat

cylindrical

elongated

conical

hemispherical

Disk.

hypano. cyma is

perigynous

epigynous

naked

smooth

plicate

alveolate

bristly

chafly Texture	Gopals, Petals spreading reflexed	versatile introrse pendulous Form saccate pelate twined cordate indented No. of Cells Dehiscence lateral	included exserted	Surface, a, b, c, Color
Calyx-Corolla Campanulate tubular cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped tubular ligulate lobate gucate ringent personate spurred inflated saccate	scapels petals Form scapels a, b, c, d, spurred petals a, b, c, d,	scapellate pelate twined cordate indented No. of Cells Dehiscence lateral	Flaccidation free-central axillary parietal	Gen. Character ribbed grooved furrowed
Border tramette entire lobed cleft parted	Activation open vulvate induplicate imbricate convoluted plicate supervolvute	closed open simple multiple compound	Ovules Kind Orthotropous campylotropous anatrotrous amphitropous	SEED Number oblong ovate ovoid
Pappus cup awns scales bristles	Stamens Position alternate opposite perigynous epigynous gynandrous epipetalous	Stigma Position terminal lateral sessile Form discoid lobed filiform linear Style Form filiform decimate Position terminal lateral basilar Number Surface, a, b, c, Ovary Adhesion superior half-superior inferior Form Surface, a, b, c, Gen. Features	Dir. in Ovary erect ascending horizontal pendulous suspended	Attachment sessile funiculate
Polypetalous rosaceous bilabiate cruciferous curryphyllaceous papilionaceous anomalous	Insertion hypogynous epigynous gynandrous epipetalous Length long short didynamous tetradynamous Cohesion adelphous syngenesious Gen. Features included sessile connivent Filament Form capillary filiform	Stigma Position terminal lateral sessile Form discoid lobed filiform linear Style Form filiform decimate Position terminal lateral basilar Number Surface, a, b, c, Ovary Adhesion superior half-superior inferior Form Surface, a, b, c, Gen. Features	Coats Surface, a, b, c, Color Texture	Embryo Form straight bent rolled Size outside inside Rachis Dissection Length Flumule Number Position Coryleous Form
Polypetalous rosaceous bilabiate cruciferous curryphyllaceous papilionaceous anomalous	Attachment innate adnate	Stigma Position terminal lateral sessile Form discoid lobed filiform linear Style Form filiform decimate Position terminal lateral basilar Number Surface, a, b, c, Ovary Adhesion superior half-superior inferior Form Surface, a, b, c, Gen. Features	Albumen Quantity Texture Color	Position as to Albumen outside inside
Texture		Stigma Position terminal lateral sessile Form discoid lobed filiform linear Style Form filiform decimate Position terminal lateral basilar Number Surface, a, b, c, Ovary Adhesion superior half-superior inferior Form Surface, a, b, c, Gen. Features	Aggregates Accessory Multiple No. of Cells Odor Taste Pericarp Texture	Dissection Length Flumule Number Position Coryleous Form

REMARKS:

ORDER:

Name, { SCIENTIFIC,
COMMON,

LOCALITY,

No.

DATE, 187

CHECK TABLE.

GENERAL FEATURES.	9	..... spatulate	4	..... villous	..... symmetrical
Habit.	10	..... flexuose	5	..... silky	..... complete
..... terrestrial	11	..... geniculate	6	..... woolly	..... perfect
..... aquatic	12	..... tumid joint	7	..... velvety	..... regular
..... parasitic	13	..... a. b. c.	8	Soft Hairs	..... staminate
..... aerial	14	..... ovate	1	..... scabrous	..... pilistilate
Duration	15	..... obovate	2	..... hispid	..... neutral
..... annual	16	..... cuneate	3	..... spinous	..... merous
..... biennial	17	..... corm	4	..... prickly	Odor
..... perennial	18	..... acuminate	5	Petiole	Plan
Odor	1	..... tuber	6	..... Form	Stalk
Juice	2	..... bulb	7	..... terete	Podale
..... color	3	LEAVES.	8	..... grooved	Surface. a. b. c.
..... taste	4	..... sessile	9	..... compressed	Length.
Gen. Char.	5	..... pedicellate	10	..... leaf-like	Kind
Form	6	..... stipitate	11	..... margined	Height.
..... conical	7	..... equitant	12	..... clasping	Surface. a. b. c.
..... fusiform	8	Arrangement	13	..... sheathing	Involute
..... napiform	9	..... On the Stem.	14	..... free	..... Rosaceous
..... ramose	10	..... cauline	15	..... clasping	..... cup-shaped
..... fibrous	11	..... radical	16	..... spinous	..... hemispherical
..... fasciculate	12	..... ruminal	17	..... deciduous	..... beak-shaped
..... aeral	13	Along the Axis.	18	..... spinous	..... cylindrical
Gen. Char.	14	..... alternate,	C	..... s-tacuous	..... conical
..... exogenous	15	..... scattered,	1	..... acute	..... ovoid.
STEM.	16	..... rosulate	2	..... obtuse	Scates
..... endogenous	17	..... fasciculate	3	..... truncate	No. of roots.
Mature	18	..... opposite	4	..... truncate	Number.
..... herbaceous	1	..... verticillate	5	..... emarginate	Direction.
..... suffrutescent	2	..... persistent	6	..... orbiculate	..... appressed
..... fruticose	3	..... deciduous	7	..... cuspidate	..... erect
..... arborescent	4	Vernation	8	..... mucronate	..... spreading
..... arborescous	5	..... succulent	9	..... aristate	..... reflexed
Dir. of Growth	6	..... succulent	10	..... ciliate	Form a. b. c. d.
..... erect	7	..... coriaceous	11	..... serrulate	Texture
..... decumbent	8	..... rugose	12	..... entire	..... petaloidous
..... diffuse	9	..... scarious	13	..... dentate	..... liliaceous
..... prostrate	10	Venation.	14	..... crenate	..... spinous
..... creeping	11	..... Parallel.	15	..... repund	..... rigid
..... climbing	12	..... straight	16	..... sinuate	..... Chafly.
..... twining	13	..... curved	17	..... incised	Receptacle
Branching	14	..... transverse	18	..... fringed	Form
..... simple	1	Nerved.	1	..... ciliate	..... urn-shaped
..... furcate	2	..... pinnate	2	..... lobed	..... concave
..... excurrent	3	..... 3-nerved	3	..... cleft	..... flat
..... racemose	4	..... 5-nerved	4	..... parted	..... cylindrical
..... paniculate	5	..... radiate	5	..... pectinate	..... elongated
..... corymbose	6	Form.	6	..... lyrate	..... conical
..... diffuse	7	..... pinnate	7	..... divided	..... convex
..... deliquescent	8	..... palmate	8	..... divided	..... hemispherical
Special Forms	9	..... foliote	9	Surface	Disk.
..... suckers	10	Simple, Leaflets	10	..... No hairs	..... hypogynous is
..... stolons	11	..... Gen. Outline	1	..... glabrous	..... perigynous
..... offsets	12	..... filiform	2	..... punctate	..... epigynous
..... runners	13	..... acicular	3	..... verrucose	Surface
..... tendrils	14	..... acrose	4	..... puberulent	..... naked
..... thorns	15	..... subulate	5	..... pilosus	..... smooth
Gen. Char.	16	..... linear	6	..... pubescent	..... punctate
..... strigose	17	..... beak	7	..... pubescent	..... alveolate
..... grooved	18	..... lanceolate	1	..... pubescent	..... bristly
..... angled,	2	..... oblanceolate	2	..... pubescent	
..... solid	3		3	..... pubescent	

Chafly Texture	Sepals, Petals appressed spreading reflexed	versatile introrse extrorse pendulous <i>Form</i> saccitate pedate awned cordate	included exserted	Color Gen. Character ribbed grooved furrowed	Surface, a. b. c.
Calyx, Corolla gamopetalous gamopetalous rotate	scapals petals <i>Form</i> scapals petals a. b. c. d. spurred petals a. b. c. d.	scapitate pedate awned cordate <i>infused</i> Belongence lateral	Flaciation free-central axillary parietal	SEED Number	
saucer-shaped cup-shaped campanulate funnel-form salver-form arm-shaped top-shaped tubular ligulate	scapals petals a. b. c. d. spurred petals a. b. c. d.	scapitate pedate awned cordate <i>infused</i> Belongence lateral	Ovules Kind orthotropous campylotropous anatropous amphitropous	Form oblong ovate ovoid	
ligulate lobate gulate ringent personate spurred pinnatifid saccate	Acstivation open yulvate induplicate multiplicate imbricate convolute plicate supervolute	No. of Cells Belongence lateral	Dir. in Ovary erect ascending horizontal pendulous suspended	Attachment sessile limbiculate	
Border truncate entire lobed cleft parted Pappus cup scales awns bristles	Stamens Number <i>Form</i> alternate opposite inposition hypogynous perigynous epigynous gynandrous on a disk epipetalous	Polin Pollinia Pistil Kind closed open simple multiple compound	Coats Surface, a. b. c.	Appendages caruncle straphiote wing coma	
Physepal us Polypetalous rosaceous iliaceous cruciferous caryophyllaceous papi. tomaceous anomalous	Insertion hypogynous perigynous epigynous gynandrous on a disk epipetalous	Number Stigma <i>Form</i> terminal lateral sessile	Albumen Quantity Texture Color	Embryo Form straight bent rolled	
Duration deciduous marcescent persistent	Length long short didynamous tetradynamous Cobesion adelpheous syngenesious included sessile comitvent	Number Stigma <i>Form</i> terminal lateral basilar	Kind Floury berry pepo pome	Position as to Albumen inside outside	
Color calyx corolla	Gen. Features included sessile comitvent	Polin Pollinia Pistil Kind closed open simple multiple compound	Stone Stigma <i>Form</i> discoid lobed linear	Dissection Length	
Surface calyx ribbed nerved corolla throat	Filament <i>Form</i> capillary filiform	Number Stigma <i>Form</i> terminal lateral basilar	Dry achenium utricle samarra follicle legume capsule silique silect pyxis		
	Attachment imrate adnate	Number Stigma <i>Form</i> terminal lateral basilar	Accessory Multiple	Aggregate	Phlamule Number Position Coryleous <i>Form</i>
		Number Stigma <i>Form</i> terminal lateral basilar	No. of Cells		Size Number Texture
		Number Stigma <i>Form</i> terminal lateral basilar	Odor Taste Pericarp Texture		
		Number Stigma <i>Form</i> terminal lateral basilar	Surface, a. b. c.		
		Number Stigma <i>Form</i> terminal lateral basilar	Gen. Features		

REMARKS:

ORDER : No.

Name, } SCIENTIFIC,
 } COMMON,
LOCALITY, }

DATE, 187.....



chaffy Texture	Sepals, Petals appressed spreading reflexed	versatile introrse extorse pendulous Form	included exserted	Surface, a. b. . . c.
Calyx-Corolla gamosepalous gamopetalous toriate	sepals petals	sagittate petalae awned cordate lobed	Gen. Character ribbed grooved furrowed	Color
cup-shaped campanulate tunnel-form salver-form urn-shaped	Form a. b. . . c. d. spurred petals a. b. . . c. d.	No. of Cells obovate oblong obovate lateral	SEED Number	
top-shaped tubular lobulate lobate gigante ringent personate spurred induced saccate	Aestivation open valvate induplicate reduplicate imbricate contorted convolute plicate superior	Dir. in Ovary erect ascending horizontal pendulous suspended	Form oblong ovate ovoid	
Border truncate entire lobed cleft parted Papus cup scales awns bristles	Stamens Number Position alternate opposite introrse perigonous epigynous on a disk lobed epipetalous	Pollen a. b. . . c. d. a. b. . . c. d.	Attachment sessile funiculate	
Polypetalous rosaceous Hilaeans cruciferous curryphyllaceous papilionaceous anomalous	Length long short didymous tetradymous Obtusion adcliphous angustichous	Pollinia valvate induplicate reduplicate imbricate contorted convolute plicate superior	Coats Surface, a. b. . . c.	
Duration deciduous marcescent persistent	Gen. Features included exserted sessile comitant	Pistil open simple multipk compound	Appendages aril caruncle straphirole wing coma	
Color calyx corolla	Attachment sessile filamentary	Number Stigma Position terminal lateral sessile	Albumen Quantity Texture Color	
Surface ribbed nerved corolla throat	Filament Form capillary filiform	Number Stigma Position terminal lateral basilar	Embryo Form straight bent rolled	
Texture	Surface, a. b. . . c. imbricate adnate	No. of Cells superior inferior Form	Position as to Albumen outside inside	

REMARKS:

ORDER: No.

Name, { SCIENTIFIC,
 { COMMON,
LOCALITY, DATE, 187.

CHECK TABLET.

GENERAL FEATURES	1 hollow	8 spatulate	5 villous	1 symmetrical
Habit	2 flexuose	9 oblong	6 silky	2 complete
	3 geniculate	10 elliptical	7 woolly	3 perfect
	4 tumid	11 ovoid	8 velvety	4 regular
	5 a. b. c.	12 rostral	9 striate	5 staminate
Surface	6 ovate	13 ovate	10 hispid	6 pistillate
Color	7 punctate	14 cuneate	11 acute	7 neutral
Height	8 annular	15 annular	12 prickly	8
Underground	9 bicorn	16 bicorn	13 spinous	9
	10 coram	17 acuminato	14 spinous	10
Odor	11 tuber	18 acute	15 prickly	11
	12 bulb	19 obtuse	16	12
Juice	13 sessile	20 truncate	17	13
Gen. Char.	14 p. stipulate	21 retuse	18	14
ROOT.	15 stipulate	22 emarginate	19	15
	16 equitant	23 cordate	20	16
Form	17 castipulate	24 sagittate	21	17
	18	25 hastate	22	18
	19	26 peltate	23	19
	20	27 reniform	24	20
	21	28 clavine	25	21
	22	29 comate	26	22
	23	30 decurrent	27	23
	24	31	28	24
	25	32	29	25
	26	33	30	26
	27	34	31	27
	28	35	32	28
	29	36	33	29
	30	37	34	30
	31	38	35	31
	32	39	36	32
	33	40	37	33
	34	41	38	34
	35	42	39	35
	36	43	40	36
	37	44	41	37
	38	45	42	38
	39	46	43	39
	40	47	44	40
	41	48	45	41
	42	49	46	42
	43	50	47	43
	44	51	48	44
	45	52	49	45
	46	53	50	46
	47	54	51	47
	48	55	52	48
	49	56	53	49
	50	57	54	50
	51	58	55	51
	52	59	56	52
	53	60	57	53
	54	61	58	54
	55	62	59	55
	56	63	60	56
	57	64	61	57
	58	65	62	58
	59	66	63	59
	60	67	64	60
	61	68	65	61
	62	69	66	62
	63	70	67	63
	64	71	68	64
	65	72	69	65
	66	73	70	66
	67	74	71	67
	68	75	72	68
	69	76	73	69
	70	77	74	70
	71	78	75	71
	72	79	76	72
	73	80	77	73
	74	81	78	74
	75	82	79	75
	76	83	80	76
	77	84	81	77
	78	85	82	78
	79	86	83	79
	80	87	84	80
	81	88	85	81
	82	89	86	82
	83	90	87	83
	84	91	88	84
	85	92	89	85
	86	93	90	86
	87	94	91	87
	88	95	92	88
	89	96	93	89
	90	97	94	90
	91	98	95	91
	92	99	96	92
	93	100	97	93
	94	101	98	94
	95	102	99	95
	96	103	100	96
	97	104	101	97
	98	105	102	98
	99	106	103	99
	100	107	104	100
	101	108	105	101
	102	109	106	102
	103	110	107	103
	104	111	108	104
	105	112	109	105
	106	113	110	106
	107	114	111	107
	108	115	112	108
	109	116	113	109
	110	117	114	110
	111	118	115	111
	112	119	116	112
	113	120	117	113
	114	121	118	114
	115	122	119	115
	116	123	120	116
	117	124	121	117
	118	125	122	118
	119	126	123	119
	120	127	124	120
	121	128	125	121
	122	129	126	122
	123	130	127	123
	124	131	128	124
	125	132	129	125
	126	133	130	126
	127	134	131	127
	128	135	132	128
	129	136	133	129
	130	137	134	130
	131	138	135	131
	132	139	136	132
	133	140	137	133
	134	141	138	134
	135	142	139	135
	136	143	140	136
	137	144	141	137
	138	145	142	138
	139	146	143	139
	140	147	144	140
	141	148	145	141
	142	149	146	142
	143	150	147	143
	144	151	148	144
	145	152	149	145
	146	153	150	146
	147	154	151	147
	148	155	152	148
	149	156	153	149
	150	157	154	150
	151	158	155	151
	152	159	156	152
	153	160	157	153
	154	161	158	154
	155	162	159	155
	156	163	160	156
	157	164	161	157
	158	165	162	158
	159	166	163	159
	160	167	164	160
	161	168	165	161
	162	169	166	162
	163	170	167	163
	164	171	168	164
	165	172	169	165
	166	173	170	166
	167	174	171	167
	168	175	172	168
	169	176	173	169
	170	177	174	170
	171	178	175	171
	172	179	176	172
	173	180	177	173
	174	181	178	174
	175	182	179	175
	176	183	180	176
	177	184	181	177
	178	185	182	178
	179	186	183	179
	180	187	184	180
	181	188	185	181
	182	189	186	182
	183	190	187	183
	184	191	188	184
	185	192	189	185
	186	193	190	186
	187	194	191	187
	188	195	192	188
	189	196	193	189
	190	197	194	190
	191	198	195	191
	192	199	196	192
	193	200	197	193
	194	201	198	194
	195	202	199	195
	196	203	200	196
	197	204	201	197
	198	205	202	198
	199	206	203	199
	200	207	204	200
	201	208	205	201
	202	209	206	202
	203	210	207	203
	204	211	208	204
	205	212	209	205
	206	213	210	206
	207	214	211	207
	208	215	212	208
	209	216	213	209
	210	217	214	210
	211	218	215	211
	212	219	216	212
	213	220	217	213
	214	221	218	214
	215	222	219	215
	216	223	220	216
	217	224	221	217
	218	225	222	218
	219	226	223	219
	220	227	224	220
	221	228	225	221
	222	229	226	222
	223	230	227	223
	224	231	228	224
	225	232		

..... chiefly Texture	Sopala, Petals introrse spreading reflexed	..... versatile extreme pendulous form sagittate peltate ovate cordate <i>lobed</i> <i>No. of Cells</i> <i>Dehiscence</i> lateral	..... included exserted Pleioctenon free-central axillary grooved narrowed	<i>Surface, a. b. c.</i> Color Gen. Character ribbed grooved narrowed
Calyx. Corolla Gamosepalous Gamopetalous rosate saucer-shaped cup-shaped campanulate funnel-form salver-form urn-shaped top-shaped tubular ligulate labiate calicte ringent personate spurred inflated saccate	..... capsular petals Form sepals spurred petals a. b. c. d. a. b. c. d.	<i>No. of Cells</i> <i>Dehiscence</i> lateral Pollin Peltate	Ovules and orthotropous campylotropous anatropous amphitropous Dir. in Ovary ascending horizontal pendulous suspended	Form oblong sessile ovoid ovate ovoid
Aestivation valvate imbricate imbricate contorted convolute plicate superov. l.	Pistil Kinds closed open simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal bic. lat sessile	<i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Appendages separated confluent confluent confluent	Albumen quantity Texture Color
Stamens <i>Number</i> Position alternate opposite insertion by polygynous perigynous epigynous gynandrous on a disk epicalyx Length long short didynamous tetradynamous Coecion adaphous syngenesious Gen. Features included exserted sessile comitant Filament Form capillary filiform Filiform <i>Surface, a. b. c. d.</i> 2.	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear Style <i>Form</i> filiform branched declinate Position terminal lateral basilar <i>Number</i> <i>Surface, a. b. c.</i> Ovary Adhesion superior half-superior inferior <i>No. of Cells</i> Form <i>Surface, a. b. c.</i> Gen. Features	Embryo Form straight bent rolled Size Position as to Albumen outside inside Radicle Direction Length Fluvis Position Cotyledons Form Size Number Texture	Alburnum quantity Texture Color	Surface, a. b. c. Color Gen. Character ribbed grooved narrowed
Border truncate entire lobed cleft parted Pappus Cup awns awns bristles	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Alburnum quantity Texture Color	Surface, a. b. c. Color Gen. Character ribbed grooved narrowed
Polysepal us rosaceous bilabaceous cruciferous carvophylaceous papilionaceous umbelliferous	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Alburnum quantity Texture Color	Surface, a. b. c. Color Gen. Character ribbed grooved narrowed
Duration deciduous marcescent persistent Color calyx corolla Surface calyx ribbed nerved corolla throat	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Alburnum quantity Texture Color	Surface, a. b. c. Color Gen. Character ribbed grooved narrowed
Texture	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Stamens simple multiple compound <i>Number</i> <i>Stigma</i> Position terminal globose filiform linear	Alburnum quantity Texture Color	Surface, a. b. c. Color Gen. Character ribbed grooved narrowed

REMARKS:

ORDER:

Name, } SCIENTIFIC,
 } COMMON,

LOCALITY,

DATE,

187

No.

CHECK TABLE.

GENERAL FEATURES

- Habit**..... hollow, flexuose, geniculate, tumid joint
- Surface**
a..... b..... c
- Color**
- Height**
- Underground**
..... rhizomat
- Odor**
..... bulb

LEAVES.

- Kinds**..... sessile, petiole
- Arrangement**
On the Stem.....
- Duration**
- Vernation**
- Texture**
..... succulent
- Venation**
..... areolar

STEM.

- Nature**
..... herbaceous
- Dir. of Growth**
..... erect
- Gen. Char.**
..... exogenous

BRANCHING

- simple
- furcate
- racemose
- paniculate
- diffuse

SPECIAL FORMS

- stolon
- offsets
- runners
- tendrils
- thorns
- Gen. Char.**
..... striate
- grooved
- solid

- spatulate
- oblong
- elliptical
- oval
- round
- obovate
- cuneate
- bifid
- spinous
- Base**
..... acuminate
- acute
- obtuse
- truncate
- retuse
- emarginate
- cordate
- auriculate
- hastate
- pedate
- reniform
- clasping
- combate
- decurrent
- Apex**
..... acuminate
- acute
- obtuse
- truncate
- retuse
- emarginate
- cordate
- auriculate
- hastate
- pelate
- reniform
- clasping
- combate
- decurrent

PETIOLE

- Form**
..... terete
- grooved
- compressed
- leaf-like
- Kind**
..... margined
- clasping
- sheathing
- Surface**..... a..... b..... c.....
- Length**.....
- Stipules**
..... Form
- Gen. Character**
..... membranous
- foliaceous
- spinous
- setaceous
- persistent
- deciduous
- BRACTS**
..... rugulosis
- Form**..... a..... b..... c.....
- Surface**..... a..... b..... c.....
- Gen. Character**
..... rotundaceous
- membranous
- spinous
- setaceous
- Duration**
..... persistent
- deciduous

INFLORESCENCE

- Terminal**
..... solitary
- cymose
- fascicled
- glomerate
- verticillaster
- Axillary**
..... solitary
- raceme
- corymb
- umbel
- panicle
- thyrsus
- spike
- spatix
- catkin
- head

SURFACE

- Kind**
..... glaucous
- glutaceous
- punctate
- verrucose
- pubescent
- pilosus
- pubescent
- pilosus
- pubescent

RECEPTACLE

- Form**
..... urn-shaped
- concave
- flat
- cylindrical
- elongated
- conical
- convex
- hemispherical
- Disk
- hypogynous
- perigynous
- epigynous

FLOWER

- naked
- smooth
- punctate
- alveolate
- bristly

- symmetrical
- complete
- perfect
- regular
- staminate
- pistillate
- neutral
- merous
- Podium**
- Stalk**
..... Peduncle
- Length**
..... Surface..... a..... b..... c.....
- Floret**
- Length**
- Height**
- Surface**..... a..... b..... c.....
- Involucrum**
..... Form
- rosaceous
- cup-shaped
- hemispherical
- bell-shaped
- cylindrical
- conical
- ovoid

ODOR

- villous
- silky
- woolly
- velvety
- Hairs**
..... spinous
- hispid
- spinous
- prickly

PETIOLE

- Form**
..... terete
- grooved
- compressed
- leaf-like
- Kind**
..... margined
- clasping
- sheathing
- Surface**..... a..... b..... c.....
- Length**.....
- Stipules**
..... Form
- Gen. Character**
..... membranous
- foliaceous
- spinous
- setaceous
- Duration**
..... persistent
- deciduous
- BRACTS**
..... rugulosis
- Form**..... a..... b..... c.....
- Surface**..... a..... b..... c.....
- Gen. Character**
..... rotundaceous
- membranous
- spinous
- setaceous
- Duration**
..... persistent
- deciduous

INFLORESCENCE

- Terminal**
..... solitary
- cymose
- fascicled
- glomerate
- verticillaster
- Axillary**
..... solitary
- raceme
- corymb
- umbel
- panicle
- thyrsus
- spike
- spatix
- catkin
- head

SURFACE

- Kind**
..... glaucous
- glutaceous
- punctate
- verrucose
- pubescent
- pilosus
- pubescent
- pilosus
- pubescent

RECEPTACLE

- Form**
..... urn-shaped
- concave
- flat
- cylindrical
- elongated
- conical
- convex
- hemispherical
- Disk
- hypogynous
- perigynous
- epigynous

FLOWER

- naked
- smooth
- punctate
- alveolate
- bristly

.....chaffy Texture	Sepals, Petals.....apressed.....spreading.....reflexed	.....versatile.....introrse.....extrorse.....pendulous	.....included.....exserted	Surface, <i>a. b. c.</i> Color
Calyx, Corolla <i>g.</i>.....monopetalous.....gamopetalous.....rotate	.....sepals.....petals Form <i>a. b. c. d.</i> .....spurred.....petals <i>a. b. c. d.</i> .....top-shaped	.....pelletate.....awned.....corolate <i>lobed</i> No. of Cells <i>Dehiscence</i>.....lateral	.....precinctal.....axillary.....parietal	Gen. Character.....ribbed.....narrowed
.....saucer-shaped.....cup-shaped.....cumpandulate.....funnel-form.....salver-form.....urn-shaped.....top-shaped.....tubular.....ligulate.....lobate.....galeate.....ringent.....peronate.....spurred.....inflated.....saccate	Aestivation.....open.....valvate.....induplicate.....imbriicate.....convoluted.....convolute.....plicate.....supervulv.	.....closed.....open.....simple.....multiple.....compound	Ovules Kind.....orthotropous.....campylotropous.....anatropous.....obovate.....amphitropous.....anatropous Dir. in Ovary.....ascending.....horizontal.....pendulous.....suspended	SEED Number.....oblong.....ovate.....ovoid
Border.....truncate.....entire.....lobed.....cleit.....perled.....cup.....scaves.....anvils.....bristles	Stamens Number.....position.....alternate.....opposite.....hypogynous.....perigynous.....epigynous.....gyrate.....on a disk.....epicutaneous Length.....long.....short.....didynamous.....tetradynamous Cohesion.....adelphous.....syngenesious	Number.....Sigma Position.....terminal.....lateral.....sessile	.....Stone.....drupic	.....sessile.....muciculate.....araplicle.....strophilole.....wing.....coma
Petalog us.....deciduous.....persistent Color.....calyx.....corolla	Style Form.....short.....didynamous.....tetradynamous Cohesion.....adelphous.....syngenesious Gen. Features.....included.....exserted.....sessile.....connivent	Form.....discoid.....globose.....lobed.....filiform.....linear	.....Dry.....articulate.....samarate.....follicle.....legume.....capsule.....silique.....siliole.....pyxis	Embryo Form.....straight.....bent.....rolled
Surface.....calyx.....ribbed.....nerved.....corolla.....throat	Gen. Features.....Filament.....Pappa.....capillary.....filiform Surface, <i>a. b. c.</i> Aether Attachment.....limbate.....dentate	No. of Cells.....superior.....half-superior.....inferior Form	.....Aggregate.....Accessory.....Multiple	.....Pinnaule.....Position.....Coriaceous.....Form
Texture		No. of Cells Odor Taste Pericarp Texture.....membranous.....coriaceous.....succulent		Size Number Texture

REMARKS:

ORDER:

Name, { SCIENTIFIC,
COMMON,

LOCALITY,

No.

DATE,

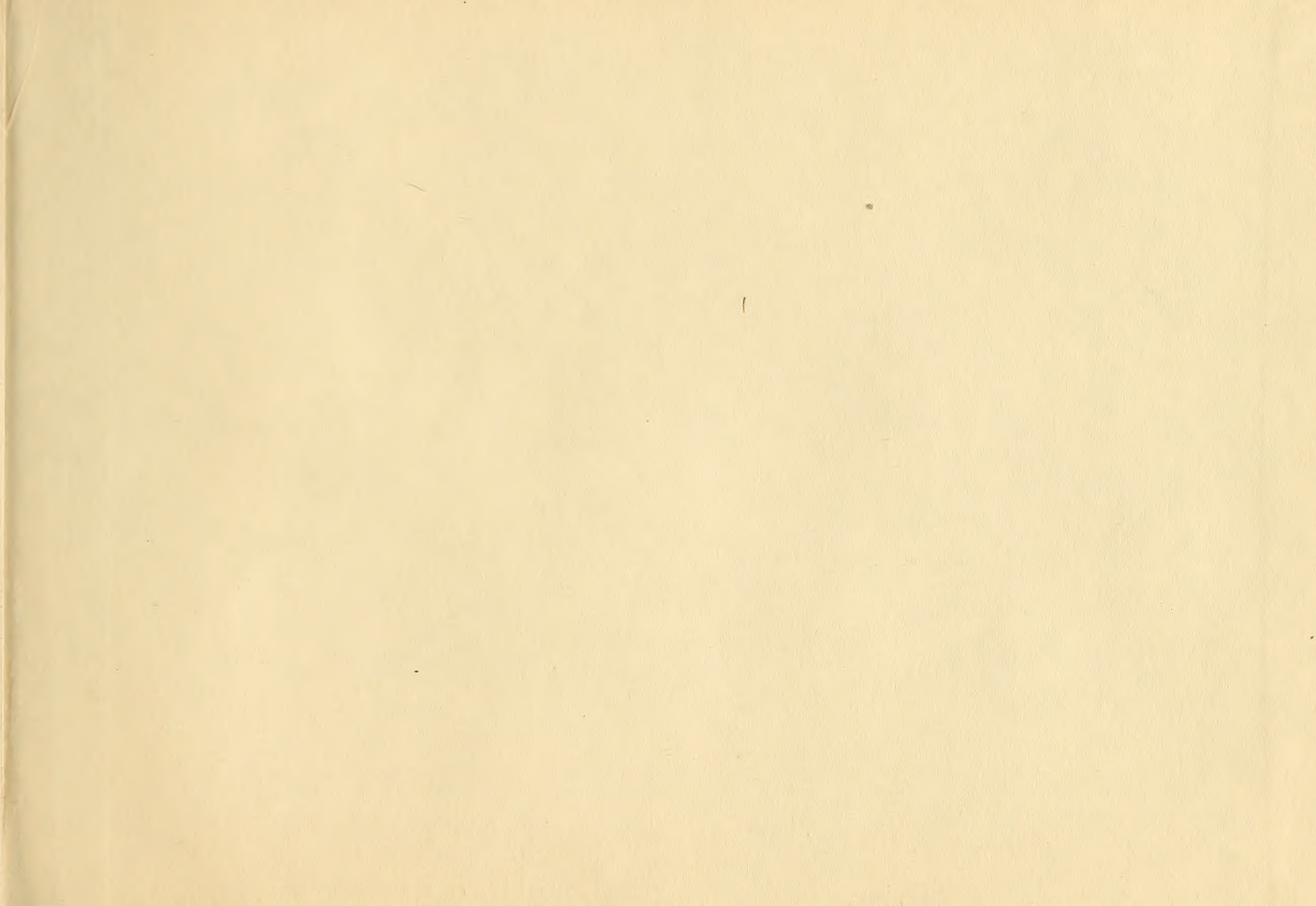
187

CHECK TABLE.

GENERAL FEATURES	..... hollow	5 spatulate	1 velvety	..... symmetric d
Habit.	..... flexuose	10 oblong	5 silky	..... complete
..... terrestrial	..... geminate	20 bifid	6 woolly	..... perfect
..... aquatic	..... tumid joint	11 oval	7 velvety	..... regular
..... parasitic	..... Surface	12 round	8 scabrous	..... staminate
..... aerial	..... Color	13 ovate	1 leaf-like	..... pistillate
Duration	..... Height	14 obovate	2 hispid	..... neutral
..... annual	..... Underground	15 cuneate	3 acute	..... microns
..... biennial	..... corn	16 hastate	4 spatulate	
..... per-annul	..... tuber	17 acuminate	5 aciculate	
Odor	..... bulb	2 acute	2 acute	
Juice	LEAVES.	3 obtuse	3 obtuse	
..... Taste	..... Kinds	4 truncate	4 truncate	
..... Gen Char	..... sessile	5 retuse	5 retuse	
ROOT.	..... p- stipulate	6 emarginate	6 emarginate	
Form	..... costipulate	7 cordate	7 cordate	
..... conical	..... equitant	8 auriculate	8 auriculate	
..... fusiform	..... Arrangemen	9 hastate	9 hastate	
..... napiform	..... On the Stem.	10 hastate	10 hastate	
..... saccate	..... cauline	11 reniform	11 reniform	
..... fibrous	..... radical	12 clasping	12 clasping	
..... fasciculate	..... ramul	13 connate	13 connate	
..... nentral	Along the Axis.	14 decurrent	14 decurrent	
Gen. Char.	..... alternate.	15 decurrent	15 decurrent	
..... erect	..... scattered.	16 decurrent	16 decurrent	
..... as-erg-nt	..... rosulate	17 decurrent	17 decurrent	
..... dith-e	..... fasciculate	18 decurrent	18 decurrent	
..... prostrate	..... opposite	19 decurrent	19 decurrent	
..... creeping	..... verticillate	20 decurrent	20 decurrent	
..... climbing	..... Duration	..... Decurrent	..... Decurrent	
..... twining	..... pers- ton	..... Decurrent	..... Decurrent	
..... simple	..... deciduous	..... Decurrent	..... Decurrent	
..... furcate	Vernation	..... Decurrent	..... Decurrent	
..... racemose	..... feature	..... Decurrent	..... Decurrent	
..... paniculate	..... arborescent	..... Decurrent	..... Decurrent	
..... corymbose	Dir. of Growth	..... Decurrent	..... Decurrent	
..... diffuse	..... erect	..... Decurrent	..... Decurrent	
..... deliquescent	..... as-erg-nt	..... Decurrent	..... Decurrent	
SpecialForms	..... decumbent	..... Decurrent	..... Decurrent	
..... stolons	..... dith-e	..... Decurrent	..... Decurrent	
..... offsets	..... prostrate	..... Decurrent	..... Decurrent	
..... runners	..... creeping	..... Decurrent	..... Decurrent	
..... tendrils	..... climbing	..... Decurrent	..... Decurrent	
..... thorns	..... twining	..... Decurrent	..... Decurrent	
Gen. Char.	..... simple	..... Decurrent	..... Decurrent	
..... tubulate	..... furcate	..... Decurrent	..... Decurrent	
..... grooved	..... racemose	..... Decurrent	..... Decurrent	
..... angled.	..... paniculate	..... Decurrent	..... Decurrent	
..... solid	..... corymbose	..... Decurrent	..... Decurrent	
	..... diffuse	..... Decurrent	..... Decurrent	
	..... deliquescent	..... Decurrent	..... Decurrent	
	SpecialForms	..... Decurrent	..... Decurrent	
	..... stolons	..... Decurrent	..... Decurrent	
	..... offsets	..... Decurrent	..... Decurrent	
	..... runners	..... Decurrent	..... Decurrent	
	..... tendrils	..... Decurrent	..... Decurrent	
	..... thorns	..... Decurrent	..... Decurrent	
	Gen. Char.	..... Decurrent	..... Decurrent	
	..... tubulate	..... Decurrent	..... Decurrent	
	..... grooved	..... Decurrent	..... Decurrent	
	..... angled.	..... Decurrent	..... Decurrent	
	..... solid	..... Decurrent	..... Decurrent	
	..... hollow	..... Decurrent	..... Decurrent	
	..... flexuose	..... Decurrent	..... Decurrent	
	..... geminate	..... Decurrent	..... Decurrent	
	..... tumid joint	..... Decurrent	..... Decurrent	
	..... Surface	..... Decurrent	..... Decurrent	
	..... Color	..... Decurrent	..... Decurrent	
	..... Height	..... Decurrent	..... Decurrent	
	..... Underground	..... Decurrent	..... Decurrent	
	..... corn	..... Decurrent	..... Decurrent	
	..... tuber	..... Decurrent	..... Decurrent	
	..... bulb	..... Decurrent	..... Decurrent	
	LEAVES.	..... Decurrent	..... Decurrent	
	..... Kinds	..... Decurrent	..... Decurrent	
	..... sessile	..... Decurrent	..... Decurrent	
	..... p- stipulate	..... Decurrent	..... Decurrent	
	..... costipulate	..... Decurrent	..... Decurrent	
	..... equitant	..... Decurrent	..... Decurrent	
	Arrangemen	..... Decurrent	..... Decurrent	
	..... On the Stem.	..... Decurrent	..... Decurrent	
	..... cauline	..... Decurrent	..... Decurrent	
	..... radical	..... Decurrent	..... Decurrent	
	..... ramul	..... Decurrent	..... Decurrent	
	Along the Axis.	..... Decurrent	..... Decurrent	
	..... alternate.	..... Decurrent	..... Decurrent	
	..... scattered.	..... Decurrent	..... Decurrent	
	..... rosulate	..... Decurrent	..... Decurrent	
	..... fasciculate	..... Decurrent	..... Decurrent	
	..... opposite	..... Decurrent	..... Decurrent	
	..... verticillate	..... Decurrent	..... Decurrent	
	Duration	..... Decurrent	..... Decurrent	
	..... pers- ton	..... Decurrent	..... Decurrent	
	..... deciduous	..... Decurrent	..... Decurrent	
	Vernation	..... Decurrent	..... Decurrent	
	..... feature	..... Decurrent	..... Decurrent	
	..... arborescent	..... Decurrent	..... Decurrent	
	Dir. of Growth	..... Decurrent	..... Decurrent	
	..... erect	..... Decurrent	..... Decurrent	
	..... as-erg-nt	..... Decurrent	..... Decurrent	
	..... decumbent	..... Decurrent	..... Decurrent	
	..... dith-e	..... Decurrent	..... Decurrent	
	..... prostrate	..... Decurrent	..... Decurrent	
	..... creeping	..... Decurrent	..... Decurrent	
	..... climbing	..... Decurrent	..... Decurrent	
	..... twining	..... Decurrent	..... Decurrent	
	..... simple	..... Decurrent	..... Decurrent	
	..... furcate	..... Decurrent	..... Decurrent	
	..... racemose	..... Decurrent	..... Decurrent	
	..... paniculate	..... Decurrent	..... Decurrent	
	..... corymbose	..... Decurrent	..... Decurrent	
	..... diffuse	..... Decurrent	..... Decurrent	
	..... deliquescent	..... Decurrent	..... Decurrent	
	SpecialForms	..... Decurrent	..... Decurrent	
	..... stolons	..... Decurrent	..... Decurrent	
	..... offsets	..... Decurrent	..... Decurrent	
	..... runners	..... Decurrent	..... Decurrent	
	..... tendrils	..... Decurrent	..... Decurrent	
	..... thorns	..... Decurrent	..... Decurrent	
	Gen. Char.	..... Decurrent	..... Decurrent	
	..... tubulate	..... Decurrent	..... Decurrent	
	..... grooved	..... Decurrent	..... Decurrent	
	..... angled.	..... Decurrent	..... Decurrent	
	..... solid	..... Decurrent	..... Decurrent	
	..... hollow	..... Decurrent	..... Decurrent	
	..... flexuose	..... Decurrent	..... Decurrent	
	..... geminate	..... Decurrent	..... Decurrent	
	..... tumid joint	..... Decurrent	..... Decurrent	
	..... Surface	..... Decurrent	..... Decurrent	
	..... Color	..... Decurrent	..... Decurrent	
	..... Height	..... Decurrent	..... Decurrent	
	..... Underground	..... Decurrent	..... Decurrent	
	..... corn	..... Decurrent	..... Decurrent	
	..... tuber	..... Decurrent	..... Decurrent	
	..... bulb	..... Decurrent	..... Decurrent	
	LEAVES.	..... Decurrent	..... Decurrent	
	..... Kinds	..... Decurrent	..... Decurrent	
	..... sessile	..... Decurrent	..... Decurrent	
	..... p- stipulate	..... Decurrent	..... Decurrent	
	..... costipulate	..... Decurrent	..... Decurrent	
	..... equitant	..... Decurrent	..... Decurrent	
	Arrangemen	..... Decurrent	..... Decurrent	
	..... On the Stem.	..... Decurrent	..... Decurrent	
	..... cauline	..... Decurrent	..... Decurrent	
	..... radical	..... Decurrent	..... Decurrent	
	..... ramul	..... Decurrent	..... Decurrent	
	Along the Axis.	..... Decurrent	..... Decurrent	
	..... alternate.	..... Decurrent	..... Decurrent	
	..... scattered.	..... Decurrent	..... Decurrent	
	..... rosulate	..... Decurrent	..... Decurrent	
	..... fasciculate	..... Decurrent	..... Decurrent	
	..... opposite	..... Decurrent	..... Decurrent	
	..... verticillate	..... Decurrent	..... Decurrent	
	Duration	..... Decurrent	..... Decurrent	
	..... pers- ton	..... Decurrent	..... Decurrent	
	..... deciduous	..... Decurrent	..... Decurrent	
	Vernation	..... Decurrent	..... Decurrent	
	..... feature	..... Decurrent	..... Decurrent	
	..... arborescent	..... Decurrent	..... Decurrent	
	Dir. of Growth	..... Decurrent	..... Decurrent	
	..... erect	..... Decurrent	..... Decurrent	
	..... as-erg-nt	..... Decurrent	..... Decurrent	
	..... decumbent	..... Decurrent	..... Decurrent	
	..... dith-e	..... Decurrent	..... Decurrent	
	..... prostrate	..... Decurrent	..... Decurrent	
	..... creeping	..... Decurrent	..... Decurrent	
	..... climbing	..... Decurrent	..... Decurrent	
	..... twining	..... Decurrent	..... Decurrent	
	..... simple	..... Decurrent	..... Decurrent	
	..... furcate	..... Decurrent	..... Decurrent	
	..... racemose	..... Decurrent	..... Decurrent	
	..... paniculate	..... Decurrent	..... Decurrent	
	..... corymbose	..... Decurrent	..... Decurrent	
	..... diffuse	..... Decurrent	..... Decurrent	
	..... deliquescent	..... Decurrent	..... Decurrent	
	SpecialForms	..... Decurrent	..... Decurrent	
	..... stolons	..... Decurrent	..... Decurrent	
	..... offsets	..... Decurrent	..... Decurrent	
	..... runners	..... Decurrent	..... Decurrent	
	..... tendrils	..... Decurrent	..... Decurrent	
	..... thorns	..... Decurrent	..... Decurrent	
	Gen. Char.	..... Decurrent	..... Decurrent	
	..... tubulate	..... Decurrent	..... Decurrent	
	..... grooved	..... Decurrent	..... Decurrent	
	..... angled.	..... Decurrent	..... Decurrent	
	..... solid	..... Decurrent	..... Decurrent	
	..... hollow	..... Decurrent	..... Decurrent	
	..... flexuose	..... Decurrent	..... Decurrent	
	..... geminate	..... Decurrent	..... Decurrent	
	..... tumid joint	..... Decurrent	..... Decurrent	
	..... Surface	..... Decurrent	..... Decurrent	
	..... Color	..... Decurrent	..... Decurrent	
	..... Height	..... Decurrent	..... Decurrent	
	..... Underground	..... Decurrent	..... Decurrent	
	..... corn	..... Decurrent	..... Decurrent	
	..... tuber	..... Decurrent	..... Decurrent	
	..... bulb	..... Decurrent	..... Decurrent	
	LEAVES.	..... Decurrent	..... Decurrent	
	..... Kinds	..... Decurrent	..... Decurrent	
	..... sessile	..... Decurrent	..... Decurrent	
	..... p- stipulate	..... Decurrent	..... Decurrent	
	..... costipulate	..... Decurrent	..... Decurrent	
	..... equitant	..... Decurrent	..... Decurrent	
	Arrangemen	..... Decurrent	..... Decurrent	
	..... On the Stem.	..... Decurrent	..... Decurrent	
	..... cauline	..... Decurrent	..... Decurrent	
	..... radical	..... Decurrent	..... Decurrent	
	..... ramul	..... Decurrent	..... Decurrent	
	Along the Axis.	..... Decurrent	..... Decurrent	
	..... alternate.	..... Decurrent	..... Decurrent	
	..... scattered.	..... Decurrent	..... Decurrent	
	..... rosulate	..... Decurrent	..... Decurrent	
	..... fasciculate	..... Decurrent	..... Decurrent	
	..... opposite	..... Decurrent	..... Decurrent	
	..... verticillate	..... Decurrent	..... Decurrent	
	Duration	..... Decurrent	..... Decurrent	
	..... pers- ton	..... Decurrent	..... Decurrent	
	..... deciduous	..... Decurrent	..... Decurrent	
	Vernation	..... Decurrent	..... Decurrent	
	..... feature	..... Decurrent	..... Decurrent	
	..... arborescent	..... Decurrent	..... Decurrent	
	Dir. of Growth	..... Decurrent	..... Decurrent	
	..... erect	..... Decurrent	..... Decurrent	
	..... as-erg-nt	..... Decurrent	..... Decurrent	
	..... decumbent	..... Decurrent	..... Decurrent	
	..... dith-e	..... Decurrent	..... Decurrent	
	..... prostrate	..... Decurrent	..... Decurrent	
	..... creeping	..... Decurrent	..... Decurrent	
	..... climbing	..... Decurrent	..... Decurrent	
	..... twining	..... Decurrent	..... Decurrent	
	..... simple	..... Decurrent	..... Decurrent	
	..... furcate	..... Decurrent	..... Decurrent	
	..... racemose	..... Decurrent	..... Decurrent	
	..... paniculate	..... Decurrent	..... Decurrent	
	..... corymbose	..... Decurrent	..... Decurrent	
	..... diffuse	..... Decurrent	..... Decurrent	
	..... deliquescent	..... Decurrent	..... Decurrent	
	SpecialForms	..... Decurrent	..... Decurrent	
	..... stolons	..... Decurrent	..... Decurrent	
	..... offsets	..... Decurrent	..... Decurrent	
	..... runners	..... Decurrent	..... Decurrent	
	..... tendrils	..... Decurrent	..... Decurrent	
	..... thorns	..... Decurrent	..... Decurrent	
	Gen. Char.	..... Decurrent	..... Decurrent	
	..... tubulate	..... Decurrent	..... Decurrent	
	..... grooved	..... Decurrent	..... Decurrent	
	..... angled.	..... Decurrent	..... Decurrent	
	..... solid	..... Decurrent	..... Decurrent	
	..... hollow	..... Decurrent	..... Decurrent	
	..... flexuose	..... Decurrent	..... Decurrent	
	..... geminate	..... Decurrent	..... Decurrent	
	..... tumid joint	..... Decurrent	..... Decurrent	
	..... Surface	..... Decurrent	..... Decurrent	
	..... Color	..... Decurrent	..... Decurrent	
	..... Height	..... Decurrent	..... Decurrent	
	..... Underground	..... Decurrent	..... Decurrent	
	..... corn	..... Decurrent	..... Decurrent	
	..... tuber	..... Decurrent	..... Decurrent	
	..... bulb	..... Decurrent	..... Decurrent	
	LEAVES.	..... Decurrent	..... Decurrent	
	..... Kinds	..... Decurrent	..... Decurrent	
	..... sessile	..... Decurrent	..... Decurrent	
	..... p- stipulate	..... Decurrent	..... Decurrent	
	..... costipulate	..... Decurrent	..... Decurrent	
	..... equitant	..... Decurrent	..... Decurrent	
	Arrangemen	..... Decurrent	..... Decurrent	
	..... On the Stem.	..... Decurrent	..... Decurrent	
	..... cauline	..... Decurrent	..... Decurrent	
	..... radical	..... Decurrent	..... Decurrent	



JUN 5 - 1951







LIBRARY OF CONGRESS



0 005 337 983 7